

TRADE MARK  
**Snap'on**

# MOTOR TOOL SPECIALTY CO.

Exclusive  
Distributors of  
HIGH - GRADE  
MECHANICS'  
HAND TOOLS



14 E Jackson Blvd.  
CHICAGO

CATALOG "F"

ISSUED

May 1st, 1928

(Supersedes All Previous Catalogs)

**Detroit Branch**

Tel. Glendale 7110

4450 John "R" St.

  
BLUEPOINTS  
TRADE MARK



## Your Guarantee of Genuine Snap-On Service

OVER two hundred-fifty Snap-On salesmen, traveling out of twenty-six branches, wear this badge for your protection. Look for it—it is your guarantee of getting genuine Snap-On Wrenches and replacement service. Don't let anyone tell you he is an authorized Snap-On salesman without this badge, or that he sells genuine Snap-On Wrenches unless the name Snap-On is plainly stamped on the handles and sockets of his samples.

## Look For This Tag In Every Shipment of Snap-On Wrenches

*For Your  
Protection*



# Snap-On Socket Wrenches and Blue Point Tools

**S**NAP-ON Wrenches are used and recommended by more good mechanics than any other line of socket wrenches. It is only eight years since we first introduced them, but their quality and remarkable advantages quickly won the preference of the trade. Our mechanic friends then began to call upon us for other hand tools in the same quality class with Snap-On Wrenches.

To meet this demand we have developed our own line of Blue Point Open End and Tappet Wrenches, Punches, Chisels and other tools. The wide popularity of Blue Points among Snap-On users is the highest possible recommendation of quality.

## Prices Are Net To The Trade

*(Subject to change without notice)*

We do not mark our prices up on a high list basis in order to offer you a meaningless discount. All prices shown are net to the trade and are consistent with the cost of producing tools of Snap-On and Blue Point quality. They are absolutely the standard prices quoted to the trade by everyone selling these tools.

Whenever you need anything in our line between calls of our salesman, mail in your order. The tools will be rushed to you and our salesman will be given credit.

## GUARANTEE

*Every Snap-On Unit is guaranteed for ONE YEAR from date of purchase. Should any unit break within this period—due to defects in workmanship or materials—hand the broken part to the salesman or mail it to our nearest Branch Office and it will be replaced promptly—free of charge.*

**Snap-On WRENCH COMPANY**  
*Factory, Milwaukee, Wis. • General Offices, Chicago*

TRADE MARK  
**Snap-on**  
INTERCHANGEABLE  
**Socket Wrenches**

Blue Point and Other High-grade Mechanic's Tools

*Distributed Exclusively By*  
**MOTOR TOOL SPECIALTY CO.**  
14 East Jackson Blvd. Chicago, Illinois

COPYRIGHT 1935 MOTOR TOOL SPECIALTY COMPANY



Look for the name **Snap-on** on handles and sockets

## Junior Service Set

**J**UST the set for the young fellow starting out as an apprentice and who cannot afford one of the more complete and therefore, more expensive Snap-On sets. Compare this set carefully with any other socket wrench outfit offered you at the same price.



**Set Contains 12 Units**

**K-4C—**  
Swivel Grip  
Speeder...\$1.35  
**S-10—**  
Sliding Tee and  
Offset...\$1.35  
**No. 7—**  
Flat Ratchet  
\$3.00  
**S-12—**  
Extension Bar  
10'.....\$ .45

**Hexagon Sockets**

**No. 140—**  
7-16".....35c  
**No. 160—**  
1/2".....35c  
**No. 180—**  
9-16".....35c  
**No. 200—**  
5/8".....40c  
**No. 220—**  
11-16".....40c  
**No. 240—**  
3/4".....40c  
**No. 260—**  
13-16".....45c  
**No. 280—**  
7/8".....45c

**No. 99 Set—**Consisting of the above tools. Each...\$9.25

**Junior Set Handles and Sockets** are exactly the same high quality as Snap-On units in the larger sets. These are the tools you at least ought to have to start with. Additional units can be added as desired until you have, for example, the entire Super Service Set of genuine Snap-On Wrenches.



**No. 99-B Set—**The above tools in strong, black lacquered, metal carrying case. Net.....\$10.25

*Snap-On Sockets Are Milled from Solid Bars of Steel*

is not a genuine **Snap-on** without the name

## Standard Service Set

**THIS** set is made up of Snap-On Handles and Sockets which we consider a necessity to a well-equipped mechanic. These units are the real backbone of the Snap-On line.



Set  
Contains  
17 Units

No. 1—  
Offset \$1.00

S-10—  
Sliding  
Tee 1.10

No. 7—  
Ratchet 3.00

K-4C—  
Speeder,  
15'... 1.35

SG-6—  
Extension,  
6'... 1.15

SG-12—  
Extension,  
10'... 1.25

No. 8—  
Universal 1.65

Ten hexa-  
gon sockets  
7/16" to 7/8"  
openings  
\$3.95

**No. 105 Set**—Consisting of the above tools. Each. \$14.45

Although the larger sets contain certain additional units, giving a greater range of convenience and efficiency, you can keep adding more Snap-On extra convenience attachments to this set as needed. The handy metal case completes this excellent outfit.



**No. 105-B Set**—The above tools in case. Net. . . \$15.45

*Snap-On. Always First with Important Improvements*

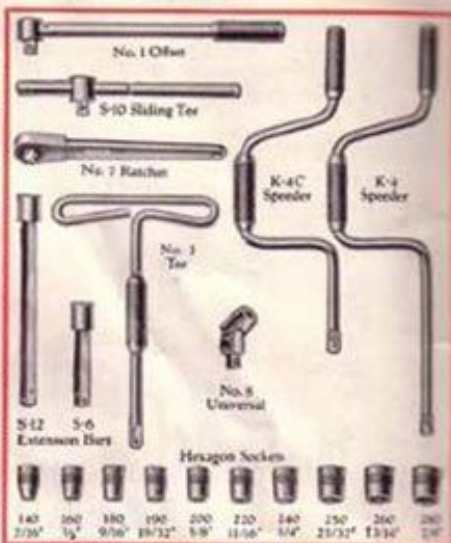
Look for the name **Snap-on** on handles and sockets

## Master Service Set

**THIS** is the set owned by over 500,000 mechanics throughout the world and the set upon which Snap-On reputation for quality and service is founded. A highly practical assortment of tools.

**Set Contains 19 Units**

No. 1—  
Offset \$1.60  
S-10—  
Sliding  
Tee 1.10  
No. 7—  
Ratchet 3.00  
K-4—  
Speeder,  
19" 1.35  
K-4C—  
Speeder,  
15" 1.35  
No. 3—  
Tee 1.00  
S-6—  
Extension,  
5" .60  
S-12—  
Extension,  
10" .65  
No. 8—  
Universal 1.65  
Ten hexa-  
gon sockets  
7/16" to 7/8"  
openings \$3.95



**No. 111 Set—Consisting of the above tools. Each \$15.45**

This set has been known as the No. 101, No. 111 and No. 117—but it is the same old friend of the garage mechanic and going stronger than ever. Has a few more units than the Standard Set and is a socket wrench outfit any mechanic may well feel proud to own.



This sturdy, carefully designed metal case offers real protection to the tools and keeps them in convenient order. Has improved hanger arrangement—easy to remove tools, yet they stay securely in place.

**No. 111-B—The above tools in case. Net.....\$19.40**

*All Prices Quoted Are Net to the Trade*

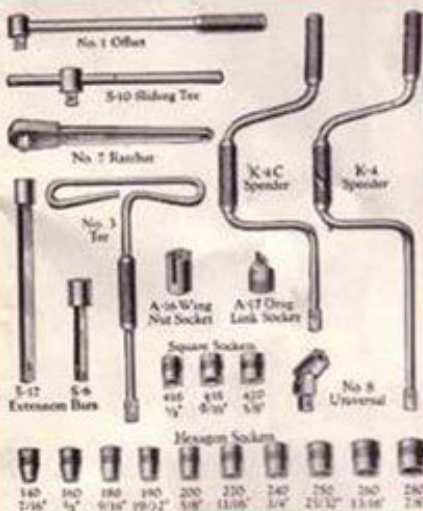


is not a genuine **Snap-on** without the name

## Senior Service Set

ALL of the efficiency of the Standard and Master Service Sets, plus more extra conveniences — a set that the older, experienced mechanics say is about perfection for automobile service.

Set Contains 24 Units



No. 1—  
Offset \$1.00  
S-10—Slid-  
ing Tee 1.10  
No. 7—  
Ratchet 3.00  
K-4—  
Speeder,  
10" 1.35  
K-4C—  
Speeder,  
15" 1.35  
No. 3—  
Tee 1.00  
S-6—  
Extension,  
5" .60  
S-12—  
Extension,  
10" .65  
No. 8—  
Universal 1.45  
Ten hexa-  
gon sock-  
ets \$3.95  
Three square  
sockets 1.10  
Drag Link  
socket .60  
Wing Nut  
socket .75

No. 115 Set—Consisting of the above tools. Net \$18.10

The three sizes of square sockets in this set are very handy for frame, body and main bearing work. The Wing Nut and Drag Link Sockets are also very popular units. Of course, other tools can be added as the need arises, but the Senior Set is right up to the minute and has made thousands of friends.

The metal case 3"x10 5/8"x21", is an ideal container. Handsome black lacquer finish.

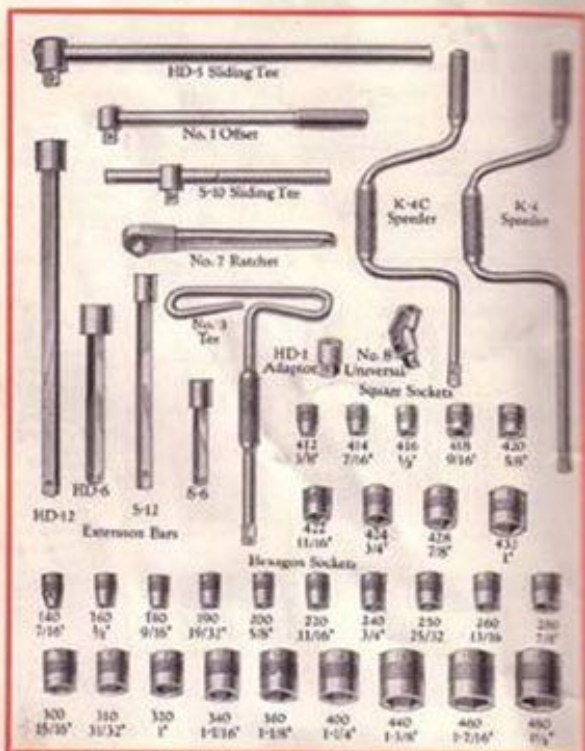


No. 115-B Set—The above tools in case. Net \$21.85

*Snap-On Meets Today's Wrench Needs*

Look for the name **Snap-on** on handles and sockets

## Super Service Set



**T**HE Snap-On Super Service Set gives you the entire range of hexagon sockets to fit S. A. E. sizes from  $\frac{1}{4}$ " to 1" thread diameter, U. S. S. nuts from  $\frac{1}{4}$ " to  $\frac{3}{8}$ " U. S. S. cap screws from  $\frac{1}{4}$ " to  $1\frac{1}{4}$ ", and square sockets from  $\frac{3}{8}$ " to 1". Twenty-eight sockets, with every conceivable handle hook-up — actually several hundred wrench combinations that every good mechanic needs — at only a fraction of what they would cost in one-piece wrenches — and backed by the Snap-On guarantee and replacement service. The heavy metal cabinet makes just the carrying case needed for the set — designed so that all tools are within quick reach and can be easily checked against loss.

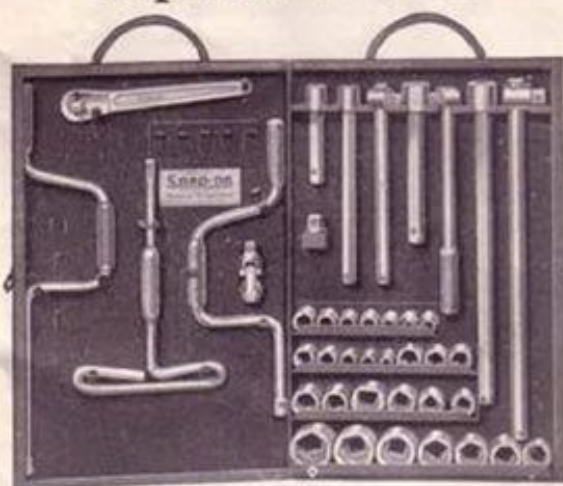
The Super Service Set is the last word in socket wrench equipment — buy it now if you can and be the best equipped mechanic in your shop.

*Please Order by Catalog Numbers*



*It is not a genuine **Snap-on** without the name*

## Super Service Set



### Set Contains 41 Units

HD-5 — Sliding Tee, 18" . . . \$1.80	K-4-C — Speeder, 15" . . . \$1.35
HD-6 — Extension, 8" . . . 1.25	No. 3 — Long Tee . . . 1.00
HD-12 — Extension, 16" . . . 1.55	S-6 — Extension, 5" . . . .60
No. 1 — Offset . . . . . 1.00	S-12 — Extension, 10" . . . .65
S-10 — Sliding Tee . . . . . 1.10	No. 8 — Universal . . . . . 1.65
No. 7 — Ratchet . . . . . 3.00	HD-1 — Adaptor . . . . . .50
K-4 — Speeder, 19" . . . . . 1.35	
Ten Master Hexagon Sockets . . . . . 3.95	
Nine Master Square Sockets . . . . . 3.70	
Nine Heavy Duty Hexagon Sockets . . . . . 6.15	

**No. B-12 Super Service Set**—Consisting of tools listed above and shown on opposite page, complete in metal cabinet. Net. . . . . 36.85

**Tools only, without cabinet.** Net. . . . . 30.60

## Quality and Leadership

As leaders in the field, the outstanding developments in socket wrenches have always originated with us. Snap-On has always had the foresight to introduce first the really important improvements of greatest service to you in your work.

As good as Snap-On Wrenches have been in the past, in present production their quality far exceeds previous production. We expect to keep Snap-On always foremost in quality and service.

*Always First in Quality and Service*

Look for the name **Snap-on** on handles and sockets

## Snap-On Ferret Set

Made of Chrome Vanadium Tool Steel

**USED**—like the Ferret—for going in after the hidden ones. Also—like the Ferret—they have twice the strength you'd expect to find in their slender size. Although the regular Snap-On sockets are thin-walled and have always set the standard for socket wrench efficiency, notice the  $\frac{5}{8}$ " Ferret socket pictured here beside the regular  $\frac{5}{8}$ " socket. This shows you how extremely thin and shallow Ferret sockets are. An exclusive Snap-On design—make quick, easy work of the many jobs in very cramped places on present day cars of compact design where no other type of wrench will reach.



<p><b>F-3</b>—Long tee and ell handle; sliding bar 6 1/2" long; shank 12" long ..... \$1.00</p>		<p><b>F-8</b>—Universal Joint Multiplies set utility. Each, \$1.50</p>															
<p><b>F-1</b>—Offset handle, 7/16" stock, 8" long ..... \$ .50</p>																	
<table border="0"> <tr> <td><b>F-120</b></td> <td><b>F-140</b></td> <td><b>F-160</b></td> <td><b>F-180</b></td> <td><b>F-200</b></td> </tr> <tr> <td>3/8"</td> <td>7/16"</td> <td>1/2"</td> <td>9/16"</td> <td>5/8"</td> </tr> <tr> <td>20c</td> <td>30c</td> <td>30c</td> <td>30c</td> <td>30c</td> </tr> </table>	<b>F-120</b>	<b>F-140</b>	<b>F-160</b>	<b>F-180</b>	<b>F-200</b>	3/8"	7/16"	1/2"	9/16"	5/8"	20c	30c	30c	30c	30c		
<b>F-120</b>	<b>F-140</b>	<b>F-160</b>	<b>F-180</b>	<b>F-200</b>													
3/8"	7/16"	1/2"	9/16"	5/8"													
20c	30c	30c	30c	30c													
<p><b>No. F-7A Adaptor Plug</b>—With the use of this plug the No. F-6 Ferret extension bar and all Ferret sockets may be used on the regular No. 7 Master flat ratchet. Each.....45c</p>																	
<p><b>F-1416</b>—Hammer head wrench; sockets 7/16" and 1/2" double hexagon broaching. 90c</p>																	
<p><b>F-1820</b>—Hammer head 9/16" and 5/8" double hexagon 90c</p>																	
<p><b>F-2224</b>—Hammer head wrench; double broached hexagon sockets, 11/16" and 3/4" openings. Each.....\$1.10</p>	<p><b>F-4</b>—Speeder handle, 7/16" stock, 15" long, knurled swivel grip. \$1.10</p> <p><b>F-6</b>—Extension bar 6" long. Price... 75c</p> <p>All Ferret units bear the regular Snap-On guarantee.</p>																



**No. 66 Ferret Set**—Shown in case. The F-8 Universal Joint, F-2224 Hammer head wrench and F-7A Adaptor plug omitted. Case included. Each.....\$8.35

**No. 67 Ferret Set**—Complete in case with all units shown above, including the F-8 Universal, F-7A Adaptor Plug and F-2224 Hammerhead. Each.....\$11.40

*An Entirely New Development in Socket Wrenches*

*It is not a genuine Snap-on without the name*

## Midget Wrench Set



TAKE the tedious work out of the small jobs—and speed 'em up—with Snap-On Midgets! Think of the times you've struggled with a small nut in a hard to reach place—some little picayune job that wasn't worth half the time and effort you put on it—then you'll appreciate your need for Snap-On Midgets.

Great for ignition, carburetor, radio and all small electrical bench work.

Handles and sockets made just like the Master Snap-Ons—same quality, same speed and adaptability in actual use. Guaranteed for one year, of course.

M-3—Speeder Tee, swivel grip 6 inch.

M-5—Sliding Tee and Offset 4½ inch.

### Hexagon Sockets

M-8—1¼ inch

M-9—9/32 inch

M-10—5/16 inch

M-11—11/32 inch

M-12—3/8 inch

M-14—7/16 inch

### Square Sockets

M-408—1¼ inch and M-410—5/16 inch.

No. 55—Set complete in black enameled metal box \$2.75

## Snap-On Oil Draining Set

This Set is a real time and labor-saver on oil draining jobs and we recommend it to every station giving crank case draining service.

Other Drain Plugs (see page 19) and such other Snap-On Units as are required by the individual user, can be added to the Set as needed.



### Set Contains 14 Snap-On Units

No. S-5 Sliding Tee Handle..... Each \$0.90

No. S-6 Extension Bar, 5' length..... Each .60

#### Hexagon Sockets

No.	Size	Each
160	1/2"	\$0.35
200	5/8"	.40
220	11/16"	.40
240	3/4"	.40
260	13/16"	.45
300 1/2	15/16"	.50

#### Square Sockets

No.	Size	Each
412	3/8"	\$0.30
414	7/16"	.30
416	1/2"	.35
424	3/4"	.50

#### Drain Plugs

P-16 Square Male Plug 1/2" \$0.45

P-24 Square Male Plug 3/4" .50

No. 606 Set Tools only..... \$6.40

No. 606-B Set Complete in metal case..... 7.05

*Net Trade Prices Quoted Throughout*



Look for the name **Snap-on** on handles and sockets

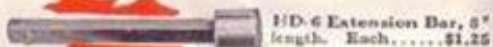
## Heavy Duty Sets

For the Larger Nuts and Bolts

**I**N quality and design, just like the Master handles and sockets—in size much larger, giving you the advantage of Snap-On speed on the big stuff. Every garage mechanic needs a Snap-On Heavy Duty Set for certain jobs on pleasure cars, and especially for truck and tractor work. All units made of high carbon or alloy steels, scientifically heat treated.



**HD-5 Improved Sliding Bar**— $\frac{3}{4}$ " diameter round; spring backed ball inside of head holds head at any point on bar, head locks flush at end of bar by means of notch and ball stop, 18" length. Ea. \$1.00



**HD-6 Extension Bar**, 8" length. Each.....\$1.25



**HD-12 Extension Bar**, 16" length. Each.....\$1.50

### Hexagon Sockets-- $\frac{5}{8}$ -inch handle openings.

By adding the HD-1 Adaptor, all Heavy Duty Sockets can be used on Master Handles.



No. 309	No. 310	No. 320	No. 319	No. 350	No. 400	No. 440	No. 460
15/16"	31/32"	1"	1-1/16"	1-1/8"	1-1/4"	1-3/8"	1-7/16"
50c	50c	50c	65c	70c	70c	80c	80c

**No. 202—Heavy Duty Set**—Consisting of all of the above tools. Net.....\$ 9.75

**No. 202-B Set**—The above set in metal case. Net.. 11.75



**HD-7 Flat Ratchet**—Big brother of the No. 7 Master Ratchet—same design, same important improvements—a valuable tool in heavy duty work. Length 18". Each.....\$6.25

**No. 212 Heavy Duty Set**—Consisting of all units in the above set, with the HD-7 Flat Ratchet included.

Net.....\$16.00

**No. 212-B Set**—The above set with ratchet in metal case. Net.....18.00

*Heavy Duty Units Are Sold Individually or in Sets*

*It is not a genuine **Snap-on** without the name*

## Heavy Duty Wrenches

Additional units which many mechanics need



**HD-2 Adaptor** —  
Snap this adaptor  
onto any Heavy  
Duty handle and  
you can use the  
smaller Master  
sockets on them.  
Each.....65c



**HD-3 Adaptor** —  
Permits you to use  
the Giant sockets  
on any Heavy  
Duty handle.  
Each.....90c



**HD-7C**—Swivel grip plug for  
Heavy Duty ratchet.  
Each.....\$1.25

**HD-7A**—Extra plug of regular  
type, for Heavy Duty ratchet.  
Each.....50c



**HD-4 Speeder**  
9/16" rod with  
wide "throw" for  
the needed  
leverage, knurled  
swivel grip.  
20" length.  
Each.....\$1.50

## Heavy Duty Sq. Sockets



No.  
**HD-428**  
7/8" 50c



No.  
**HD-432**  
1" 60c



No.  
**HD-434**  
1-1/16" 80c



No.  
**HD-444**  
1-1/4" \$1.00



No.  
**HD-446**  
1 7/16" \$1.65

## Heavy Duty Hexagon Sockets



**HD-240**  
3/4" 45c



**HD-280**  
7/8" 45c



No. 380  
1-3/16" 70c



No. 421  
1-5/16" 80c



No. 480  
1-1/2" \$1.00



**No. 2-B Metal Case** for either the No. 202 or No. 212 Set. Strongly built, fitted with large fashioned leather handle, hasp and staple for padlock; size 2 5/8" x 5 1/8" x 18 1/4", finished in black lacquer.

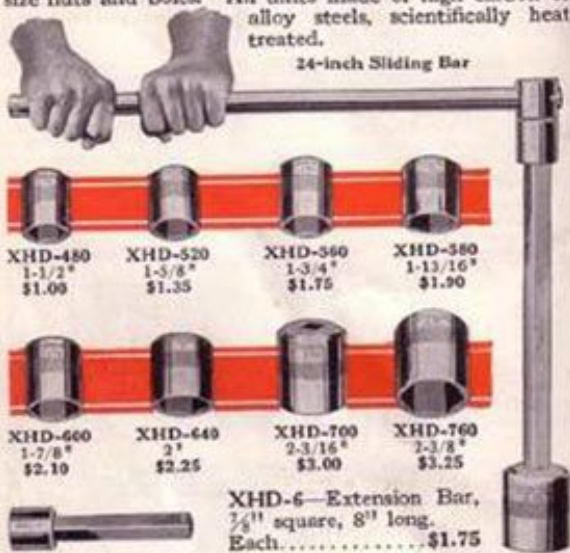
*Net Trade Prices Quoted Throughout*

*Look for the name **Snap-on** on handles and sockets*

## Giant Service Set

Power To Turn 'Em

**T**HE mightiest in the socket wrench world! Snap-On speed and adaptability combined with the powerful leverage of these handles, save time and labor on the large size nuts and bolts. All units made of high carbon or alloy steels, scientifically heat treated.



XHD-6—Extension Bar,  $\frac{7}{8}$ " square, 8" long. Each.....\$1.75

XHD-12—Extension Bar,  $\frac{7}{8}$ " square, 16" long. Each \$2.45

XHD-5—Sliding Bar, 1" diameter, 24" long. Each \$3.00

No. 1808 Set—Consisting of all of the above tools. Tools only, Net.....\$23.80

No. 1808-B Set—The above set in heavy metal case. Net.....\$28.55

XHD-7—Flat Ratchet, 18" length. Each.....\$6.75

No. 1878 Set—Consisting of all tools in the above set with the XHD-7 Flat Ratchet included. Tools only. Net.....\$30.55

No. 1878-B Set—The above tools in heavy metal case. Net.....\$35.30

*The Snap-On Name Is Quality Assurance*



It is not a genuine Snap-on without the name

## Where Giant Snap-Ons Are Needed

**S**NAP-ON Giants are right at home on repair and maintenance of road building and construction equipment — huge trucks, crushers, scrapers and dredges. Their field of utility is practically unlimited — wherever there's extra heavy wrench work to do, Snap-On Giants are needed.

### Additional Units For Giant Set



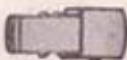
XHD-446  
1-7/16" Sq.  
\$1.65



XHD-452  
1-5/8" Sq.  
\$2.55



XHD-800  
2-1/2" Hex.  
\$3.75



XHD-7B — Extra Plug for Flat Ratchet. Socket end 7/8" square, to fit all Giant sockets. Each..... \$1.00

### Heavy Metal Case for Giant Set



Large and strong enough to accommodate both the Giant Set with all extra sockets and attachments and the Heavy Duty Set, or other tools if desired. This is a great convenience where the line of work makes it desirable to combine in one outfit all large handles and the complete range of large sockets from 15/16" to 2 3/8" openings.



Exceptionally heavy construction. Lid of full 16-gauge steel, sides and bottom 18-gauge; closely spot welded; large, comfortable steel handle, 3/4" diameter round, with five large rivets; powerful hasp and staple.

No. 28-B—25 3/4" long, 8 1/2" wide, 5 1/4" deep; weight 14 1/2 lbs. black duco enamel finish.

*Snap-Ons Lead in Service to the Mechanic*

Look for the name **Snap-on** on handles and sockets

## Hexagon Sockets

One-half inch Handle Openings

Sizes of Hexagon Openings are rated dimensions, measured between parallel sides, and .010" to .018", according to size of opening, is added for clearance on the nut.



No. 140 7/16" 35c	No. 160 1/2" 35c	No. 180 9/16" 35c	No. 190 19/32 35c	No. 200 5/8" 40c	No. 220 11/16" 40c	No. 240 3/4" 40c
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No. 250 25/32" 45c	No. 260 13/16" 45c	No. 280 7/8" 45c	No. 300 1/2 15/16" 50c	No. 310 1/2 31/32" 50c	No. 320 1/2 1" 50c
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No. 1000 Set—10 sizes Nos. 140 to 280 inclusive.....\$3.95  
No. 1300 Set—including the 13 sizes shown above.....5.45

## Double Broached Hexagon Sockets

One-half inch Handle Openings



DH-160 1/2" 40c	DH-180 9/16" 40c	DH-200 5/8" 40c	DH-220 11/16" 50c	DH-240 3/4" 50c
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DH-500 Set—One each of above 5 sizes.....\$2.20

## Double Broached Square Sockets

Work more freely than single broached sockets where handle movement is limited. One-half inch handle openings.



No. 412 3/8" 30c	No. 414 7/16" 30c	No. 416 1/2" 35c	No. 418 9/16" 35c	No. 420 5/8" 40c
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No. 422 11/16" 40c	No. 424 3/4" 50c	No. 426 13/16" 50c	No. 428 7/8" 50c	No. 432 1" 60c
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No. 900 Set—9 sizes of square sockets, including all numbers excepting No. 426.....\$3.70

*Snap-On Sockets Are Milled from Solid Bars of Steel*

*It is not a genuine Snap-on without the name*

## Socket Table

Sizes of all nuts and cap screws (bolts) given, are the diameters of threads or bolts.

### Master Hexagon Sockets

$\frac{1}{2}$ " Handle Openings

Socket No.	Size of Hex Opening	U. S. S. Nut & Cap Screw	U. S. S. Nut	U. S. S. Cap Screw	Price Each
140	$\frac{1}{8}$	$\frac{1}{8}$	..	$\frac{1}{8}$	.35
160	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	.35
180	$\frac{3}{8}$	$\frac{3}{8}$	..	$\frac{3}{8}$	.35
190	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	..	.35
200	$\frac{5}{8}$	$\frac{1}{2}$	..	$\frac{1}{2}$	.40
220	$\frac{3}{4}$	..	$\frac{3}{8}$	..	.40
240	$\frac{7}{8}$	$\frac{3}{4}$	..	$\frac{3}{4}$	.40
250	$1\frac{1}{8}$	..	$\frac{1}{2}$	..	.45
260	$1\frac{1}{4}$	..	..	$\frac{3}{4}$	.45
280	$1\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	.45
300 $\frac{1}{2}$	$1\frac{1}{2}$	$\frac{3}{4}$	..	..	.50
310 $\frac{3}{4}$	$1\frac{3}{4}$	..	$\frac{1}{2}$	..	.50
320 $\frac{1}{2}$	1	$\frac{1}{2}$	..	$\frac{3}{4}$	.50

### Heavy Duty Hexagon Sockets

$\frac{1}{2}$ " Handle Openings

Can be used on regular handles by adding No. HD-1 Adaptor.

HD-240	$\frac{3}{4}$	$\frac{1}{2}$	..	$\frac{1}{2}$	.45
HD-280	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	.45
300	$1\frac{1}{4}$	$\frac{3}{4}$	..	..	.50
310	$1\frac{1}{2}$	..	$\frac{1}{2}$	..	.50
320	1	$1\frac{1}{8}$	..	$\frac{3}{4}$	.50
340	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{8}$	..	.65
360	$1\frac{1}{2}$	..	..	$\frac{3}{8}$	.70
380	$1\frac{3}{4}$	..	..	..	.70
400	$1\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	1	.70
421	$1\frac{3}{4}$	..	..	..	.80
440	$1\frac{3}{4}$	..	..	$1\frac{1}{8}$	.80
460	$1\frac{1}{2}$	1	$\frac{3}{8}$	..	.80
480	$1\frac{1}{2}$	..	..	$1\frac{1}{4}$	1.00

### Giant Hexagon Sockets

$\frac{1}{2}$ " Handle Openings

XHD-480	$1\frac{1}{2}$	..	..	$1\frac{1}{4}$	1.00
XHD-520	$1\frac{3}{4}$	$1\frac{1}{8}$	1	..	1.35
XHD-560	$1\frac{3}{4}$	..	..	..	1.75
XHD-580	$1\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	..	1.90
XHD-600	$1\frac{1}{2}$	..	..	..	2.10
XHD-640	2	$1\frac{3}{8}$	$1\frac{1}{4}$	..	2.25
XHD-700	$2\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{8}$	..	3.00
XHD-760	$2\frac{3}{8}$	..	$1\frac{1}{2}$	..	3.25
XHD-800	$2\frac{1}{2}$	..	..	..	3.75

### Master Square Sockets

$\frac{1}{2}$ " Handle Openings

Socket No.	Size of Square Opening	U. S. S. Nut	U. S. S. Cap Screw	U. S. S. Nut & Cap Screw	Price Each
412	$\frac{3}{8}$	..	..	$\frac{3}{8}$	.30
414	$\frac{1}{2}$	..	..	$\frac{1}{2}$	.30
416	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{2}$	.35
418	$\frac{3}{4}$	..	$\frac{1}{8}$	$\frac{3}{4}$	.35
420	$\frac{3}{4}$	..	$\frac{1}{2}$	$\frac{3}{4}$	.40
422	$1\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	..	.40
424	$\frac{1}{2}$	..	$\frac{1}{8}$	$\frac{1}{4}$	.50
426	$\frac{3}{4}$	..	..	..	.50
428	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{8}$	.50
432	1	..	..	1	.60

### Heavy Duty Square Sockets

$\frac{1}{2}$ " Handle Openings

HD-428	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{8}$	.50
HD-432	1	..	..	1	.60
HD-434	$1\frac{1}{8}$	$\frac{5}{8}$	..	..	.80
HD-444	$1\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{4}$	1.00
HD-446	$1\frac{1}{8}$	$\frac{3}{8}$	..	..	1.65

### Giant Square Sockets

XHD-446	$1\frac{1}{8}$	$\frac{3}{8}$	..	..	1.65
XHD-452	$1\frac{3}{8}$	1	..	..	2.55

*Chrome Vanadium or Special Alloy Steel*



Look for the name **Snap-on** on handles and sockets

## Flexible Sockets

**SAVE** you a lot of tough work fumbling after those hardest of the hard-to-reach nuts and bolts. You know the ones—such as rear cylinder studs, motor base bolts and timing gear cover nuts. Machined from Chrome Vanadium steel, heavily nickeled. Work at a 90 degree angle.

LIC. YORK PAT., 12-7-22



No. 16 1 1/2"	No. 18 9/16"	No. 20 5/8"	No. 22 1 1/16"	No. 24 3/4"
\$1.50	\$1.50	\$1.50	\$1.50	\$1.50

No. 404 Set—One each of above five sizes of flexible sockets..... \$7.50



## Milled Sockets

Snap-On Sockets are milled from solid bars of Chrome Vanadium or Special Alloy steel, famous for toughness and durability. They are carefully broached to accurate size and tapered to as thin a wall as strength and durability will permit.

Snap-On Sockets are finished in heavy, non-rust nickel and double heat treated to give

unlimited service. There is no comparison between the lasting qualities of a Snap-On and the ordinary makes of sockets. This shows the way they snap onto a handle. Easy on, easy off, yet the handle opening is so correctly machined, that no "play" is allowed when the socket is snapped on. The spring-backed ball locks it firmly and the two ball stops on the shank hold it in place.



### Key to Socket Sizes

**Hexagon Sockets**—The first two numerals of the catalog number indicate the size of the socket in thirty-seconds of an inch. To illustrate: No. 140 Socket is 14/32" or 7/16".

**Square Sockets**—With the exception of No. HD-444, the last two numerals of the catalog number indicate the size in thirty-seconds, as—No. 412 is 12/32" or 3/8".

### Order by Catalog Number

In ordering by mail, to insure correct and prompt service, order all Snap-On Units by Catalog Number.

*Snap-On Sockets Are Made Right*

*It is not a genuine **Snap-on** without the name*

## Extra Deep Sockets

For Spring Shackle Bolts, Etc.

**T**HESE hexagon sockets are offered in answer to a big demand from mechanics for sockets of extra depth in these sizes for double nut assemblies, or where the nuts are set down deeply. Especially good on spring U bolts, body bolts and some main bearing work, particularly on Continental motors.

S-240—3/4" hex., 2 1/2" over all.....80c

S-250—7/8" hex., 2 3/4" over all.....85c

Fit Master Handles



S-250

S-240

Fit Heavy Duty Handles  
3/4" over all

Fit Giant Handles 3 1/2" over all



S-300 1 5/16"  
\$1.10

S-340 1 1/16"  
\$1.20

S-400, 1 1/4"  
\$1.30

S-460, 1 7/16"  
\$1.45

## Spark Plug Sockets

Fit Master Handles



These sockets have an over all depth of 3 1/2" and are correctly designed for efficient spark plug work. Note that they have cross drilled holes 3/8" in diameter, so that you can use them with any sliding bar of proper size or with any Snap-On handle hook-up required.



A-28  
7/8"  
\$1.00

A-30  
1 5/16"  
\$1.00

A-32  
1"  
\$1.00

A-36  
1 1/8"  
\$1.00

## Snap-On Stud Remover



This tool can be used efficiently on short or long studs and in either tight or open places. Note its short, compact construction which gives it maximum adaptability. The wheel is eccentric and will not slip.

A-20—Fits studs in sizes from 1/4" to 1/2". Each.....\$1.25

*Always glad to have your suggestions on New Tools*

*Look for the name **Snap-on** on handles and sockets*

## Special Snap-On Sockets

### Cadillac Socket

A special socket with octagon opening, designed especially for Cadillac rear hub caps and lock nuts on models 63 and 314. A valuable unit for any mechanic on Cadillac service. Made for use on 24" Snap-On Giant sliding tee.

A-21. Each.....\$2.50



### Special Ford Socket



**Ford Cam Shaft Nut and Front Bearing Socket**—For quickly servicing the cam shaft nut; removes the spindle nut (Ford No. 2707-8) and adjusting cone (Ford No. 2705-6) without a tool change—at a definite saving of time and money.

36-F. Each.....75c



### Alemite Socket

A labor saver on Alemite systems. Tightens the connections so they will not jar loose.

A-14. Each.....55c

### Wing Nut Socket

Makes adjustments fast and easy where wing nuts are used in brake drum assemblies.

A-16. Each.....75c



### Drag Link Adjusting Sockets

For slotted nuts on automobile and truck steering assembly housings.

A-15. 1 1/4" Blade. Each.....75c

A-17. 1" Blade. Each.....60c

### Special Chevrolet Sockets

**No. A-18**—Made especially for use on the Chevrolet guide or anchor pin on brake assembly. Does the job in a fraction of the time it takes with any other tools. Fits all Chevrolet models from 1924 to the present.

Each.....45c



A-19

**A-19**—Extremely thin walled hexagon socket, especially designed for universal joint work on all Chevrolet Models. Each.....65c



A-18

**F-9**—Special screw driver socket for removing or assembling the screws holding the Chevrolet oil pan. The opening in the socket conforms with the head of the screw, allowing the blade to fit into the screw slot so that it will not slip off, thereby making the job much more simple and easy to handle. This unit is made for use on Snap-On Ferret wrench handles. Each.....65c



*Snap-On Special Sockets Are Big Time Savers*



It is not a genuine Snap-on without the name

# Crank Case Drain Plug Sockets

Milled from Chrome Vanadium Steel



P-10  
5/16"  
40c

**MAKE** quick work of oil draining jobs on cars having drain plugs with square female openings; fits all Snap-On handles; square male ends of all required sizes. The time and bother they often save on a single draining job is worth the price of the whole set. No garage should be without them.



P-12  
3/8"  
40c



P-14  
7/16"  
40c

P-16  
1/2"  
45c

P-18  
9/16"  
45c

P-20  
5/8"  
45c

P-22  
11/16"  
50c

P-24  
3/4"  
50c

No. 608 Set—Complete set of 8 sizes..... \$3.55

# Snap-On Screw Driver Set

**MORE** than regular screw drivers. Improved type blades of special tool steel, plus Snap-On interchangeability, plus Snap-On quality. They fit all Snap-On handles as well as the patented wood handle shown. Note that a hole is drilled through the molded-in metal shank of the wooden handle to take the sliding bar whenever extra leverage is needed.



These blades will make a very valuable addition to your Snap-On equipment for quick body repair jobs, as well as steering assembly on some of the smaller cars.

SD-7 Handle 4 3/4" long with 4 1/2" sliding bar... \$1.25

SD-1—1/4" blade..	85c	SD-3—7/16" blade	85c
SD-2—5/16" blade	85c	SD-4—1/2" blade..	85c

505-B —Set of blades only..... \$3.40  
505-H —Set complete with wood handle..... 4.65

*Add These Special Tools to Your Equipment*

Look for the name **Snap-on** on handles and sockets!

## Master Handles

**EVERY** Snap-On Master Handle fits every Master Socket and Attachment. Socket receiving ends are  $\frac{1}{2}$ " square. A spring-backed friction ball, recessed into the shank, grips the socket firmly. Two case hardened balls on opposite sides of the shank hold the socket in correct position.



**No. 1 Offset**—Powerful leverage, exceptionally strong; made to reach into close places. Head and socket receiving end milled from chrome vanadium steel; heat-treated; press fitted onto a  $\frac{1}{4}$ " diameter round, high carbon steel handle, heat treated and reinforced by a special tool steel pin; 12" length. Each .....\$1.00



**No. 3 Long Tee**  
12" length.  
Each ....\$1.00

**No. 3-A Long Tee**—Same type handle as the No. 3, length 24".  
Each.....\$1.50

**Long Tees**—Plenty of leverage for loosening or tightening nuts. The knurled swivel center grip permits spinning them on or off rapidly. A big favorite with mechanics.  $\frac{1}{2}$ " diameter round shank.



**No. 5 Brace**—An exceedingly popular handle for quickly demounting nuts and for speed work in many different places.  $\frac{1}{2}$ " round shank with two knurled swivel grips. 13 $\frac{1}{2}$ " length. Each.....\$1.50



**No. 7 Flat Ratchet Wrench**—Improved design—double-acting pawl to give greater strength; fifteen teeth on the ratchet wheel instead of the usual ten or twelve to work in closer places; made of special analysis double heat-treated steel, machined to perfection and heavily nickel plated; 9" length. Each .....\$3.00

**No. 7-A**—Extra Socket Receiving Plug. Each 35c



**No. 2 Short Tee**—A sturdy handle with a short shank useful for a great variety of work.  $\frac{1}{2}$ " diameter round shank. 6 $\frac{1}{2}$ " length. Each..... 85c

All Prices Quoted Are Net to the Trade

It is not a genuine **Snap-on** without the name

## Master Handles

**SNAP-ON** Handles are made from special analysis steel and have a non-rust nickel finish. Sockets snap on and off the handles quickly and easily—yet they fit so firmly that a Snap-On Wrench is as strong as if made in one piece.

**Speeders**—Long and short types for all purposes.

One-half inch diameter round shank, knurled swivel grip.

No.	Length	Each
4-F	13"	\$1.00
4-C	15"	1.15
4	19"	1.35
4-A	21"	1.35
4-B	27"	1.75

**Extension Bars**—Lengthen the reach of any handle. Made from  $\frac{1}{2}$ " high carbon steel, heat treated to give great strength and lasting service.

No. S-6 Extension Bar, 5 inch length  
Each.... 60c

No. S-12 Extension Bar, 10 in. length.  
Each..... 65c

No. SG-7A—Swivel Grip Socket Receiving Plug for Flat Ratchet. Has a self-contained ratchet.  
Each..... 85c

**Swivel Grip Speeders**—Improved type, with comfortable swivel center grip which makes them more handy and efficient in operation. Round shank,  $\frac{1}{2}$ " diameter.  
No. Length Each  
K4-C 13" \$1.35  
K4 19" 1.35

No. S-5 Sliding Tee—Bar  $\frac{9}{16}$ " diameter, 10' long. Each..... 90c

No. S-10 Sliding Tee—Bar  $\frac{1}{2}$ " diameter, grooved in center. Spring backed ball inside wrench head snaps into groove to make a practical tee without preventing its free action as a sliding bar. Also holds head at any point on bar at any desired angle. Head locks on either end of bar to form a practical offset handle with the head flush with the end of bar. Length 10'. Each..... \$1.10

S-15 Sliding Tee—Bar  $\frac{1}{2}$ " diameter, 15' long, giving you more leverage where you need it. Same construction features as S-10. Each..... \$1.20

*Better Today Than They've Ever Been*



Look for the name **Snap-on** on handles and sockets

## Handle Attachments



### Universal Joint

Snap this Universal onto a handle, then snap on a socket and you have a wrench that will work freely at nearly a 90° angle. It gives you as many flexible wrenches as there are Snap-On wrench combinations.

No. 8 Each.....\$1.45



### Adaptor

Snap this Adaptor onto any of the Master Handles and you can use the large sizes of Heavy Duty Sockets on them.

HD-1 Each.....50c



### Swivel Grip Extension Bars

You'll like the handy way they work, especially on the S-10 Sliding Tee and the No. 2 Short Tee. These Extension Bars form the same handle adaptations as the regular Bars shown on page 21, but the swivel grips are an added convenience.

extension Bars form the same handle adaptations as the regular Bars shown on page 21, but the swivel grips are an added convenience.

SC-6 Lgth. 6" Each \$1.15  
SC-12 Lgth. 10" Each \$1.25



### Ratchet Attachment

Snap this Attachment onto any handle, then snap on a socket and you have a powerful ratchet wrench. Simple in action. Can't slip. Nothing to break or get out of order. When in mesh the No. 6 Ratchet has the form and strength of a solid piece of steel. Invaluable for fast work on many difficult nuts where no other type of wrench can be successfully used.

No. 6 Each.....\$2.35



### Special Short Extension

Especially adapted for use on Offset, Flat Ratchet and Sliding Tees. Gives proper reaching length for Ford Generators, Carburetors and Cylinder Head work.

No. 37-F Each...45c

### Special Long Extension

S-20—A needed extension for cylinder head stud bolts. Clears cowl and greatly simplifies this job. A ideal hook-up with S-5 or S-10 Sliding Tee. Length 18".

Each.....\$1.60

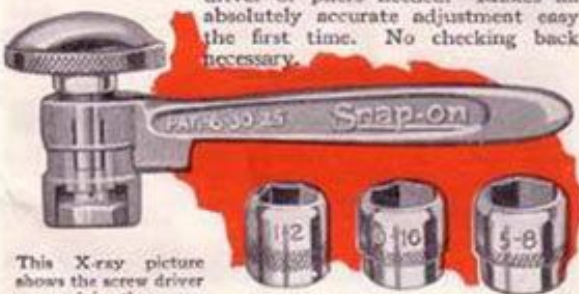


*Net Trade Prices Quoted Throughout*

It is not a genuine Snap-on without the name

# Snap-On Valve Clearance Adjusting Tool

DOES rocker arm tappet adjusting jobs on all valve-in-head motors in about one-third the usual time, while motor is hot and running. No other wrench, screw driver or pliers needed. Makes an absolutely accurate adjustment easy the first time. No checking back necessary.



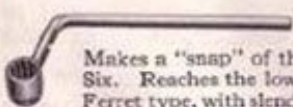
This X-ray picture shows the screw driver engaged in the screw slot, with the socket over the lock nut ready to lock it with wrench handle when adjustment is made.

1/2"	9/16"	5/8"
Socket	Socket	Socket
For 1925 and earlier Chevrolet, Valie, etc.	For Buick, Marmon, 1926-1927 Nash and Franklin, etc.	For Chevrolet, 1925-1927

- Handle with one socket, any size..... \$2.00
- Handle with two sockets..... 2.25
- No. V-21—Complete with 3 interchangeable sockets \$2.50

## Special Hudson Essex Wrenches

These especially designed wrenches are of great value in servicing Hudson-Essex cars. Made of chrome Vanadium steel, carefully heat treated.



No. 1501—Hudson Chain Inspection Plate Wrench.

Makes a "snap" of this difficult job on the Super Six. Reaches the lower bolt with ease. Snap-On Ferret type, with slender handle and extremely thin walled socket—1/2" opening. Each.....90c

No. 1502—For Essex Chain Inspection Plate and Hudson Water Pump nuts. Handles these two hard jobs to perfection.



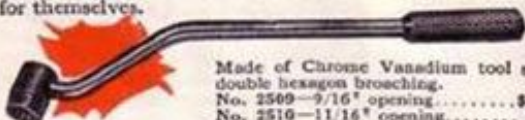
Reaches the bottom nut on the Essex job without removing hose from generator. Snap-On Ferret type. 7/16" and 1/2" openings. Ea. ....\$1.25

*Your Mail Orders Will Receive Prompt Attention*

Look for the name **Snap-on** on handles and sockets

## Special Offset Wrenches

**I**DEALLY adapted for certain of the very hard-to-reach nuts on many cars. Any Snap-On salesman can show a big list of jobs on which these wrenches will quickly pay for themselves.



Made of Chrome Vanadium tool steel, double hexagon broaching.  
No. 2509— $9/16"$  opening.....\$1.50  
No. 2510— $11/16"$  opening.....1.50

## Ford Rear Main Bearing Wrench

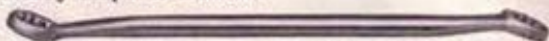
Works equally well on old or new models. Handle clears all obstructions, with a maximum radius.



No. 2506—Made of Chrome Vanadium tool steel. Double hexagon broaching,  $3/4"$  opening,  $13 1/2"$  length. Each \$1.50

## Chevrolet Main Bearing Wrench

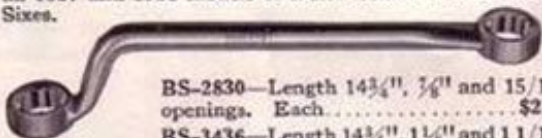
Designed in answer to a big demand from mechanics. Greatly simplifies the work.



No. 2512—Box type, made of Chrome Vanadium tool steel,  $13/16"$  and  $3/8"$  double hexagon broached openings to fit all models. Each.....\$2.25

## Buick Special Boxsocket Wrenches

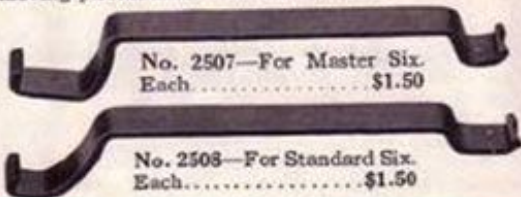
These are a special design of Blue Point Boxsocket Wrenches, with double broached hexagon openings, perfectly adapted for servicing the spring shackle bolts on all 1927 and 1928 models of Buick Standard and Master Sixes.



BS-2830—Length  $14 3/4"$ ,  $3/8"$  and  $15/16"$  openings. Each.....\$2.75  
BS-3436—Length  $14 3/4"$ ,  $1 1/8"$  and  $1 1/16"$  openings. Each.....\$2.95

## Buick Crank Shaft Wrenches

Make it easy to turn crank shaft in proper position for removing pistons from 1927-1928 models.



No. 2507—For Master Six.  
Each.....\$1.50

No. 2508—For Standard Six.  
Each.....\$1.50

*Every Snap-On Salesman Is a Tool Service Man*



*It is not a genuine **Snap-on** without the name*

## Buick Special Wrenches

Made from Chrome Vanadium Steel

THE first four tools are made primarily for tightening Buick engine base bolts. They save a lot of extra work in removing floor boards and the like. They are the only tools designed especially for these operations and there are no standard wrenches made which will do the work right. In addition, these tools have proved very valuable on many different jobs on other makes of cars.



No. 2501—Buick Master Six, side and front engine base bolt. 1927-8 models.  $\frac{3}{8}$ " opening,  $14\frac{1}{4}$ " length. Each.....\$1.50

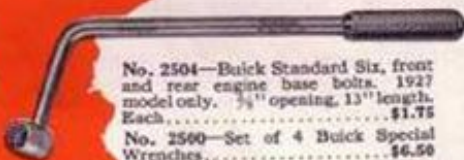


No. 2502—Buick Master Six, rear engine base bolts. 1927 model only.  $\frac{3}{8}$ " opening,  $13\frac{1}{2}$ " length. Each.....\$1.75

Buick Specials are all double or twelve point broached so as to require a very short turn of the handle in order to get another hold on the nut.



No. 2503—Buick Standard Six, side engine base bolts. 1927-8 models.  $\frac{3}{8}$ " opening,  $14\frac{1}{2}$ " length. Each.....\$1.50



No. 2504—Buick Standard Six, front and rear engine base bolts. 1927 model only.  $\frac{3}{8}$ " opening, 13" length. Each.....\$1.75

No. 2500—Set of 4 Buick Special Wrenches.....\$6.50

## Buick Cylinder Head Stud Bolt Wrench

$\frac{3}{8}$ " openings for Standard and Master Six  
1928 and Older Models



This is another tool made especially for Buick service. It was tested and approved as a correct and thoroughly efficient tool for cylinder head stud bolts. Takes all cylinder head stud bolts from the right hand side and has a great advantage over other wrenches which make it necessary to work from both sides. No. 2513—Each.....\$2.50

*Worth Ten Times Their Cost to Buick Shops*

# Boxocket Wrenches

Made of Chrome Vanadium Tool Steel

**T**HESE are an improved and up-to-date design in box type wrenches. Built for tight places—ideal for manifold, connecting rod and main bearing work, head and base bolts, generator studs, etc.

Carefully heat treated to give the greatest strength, toughness and resistance to wear; rust-proof nickel finish—the best in workmanship and materials it is possible to produce.



**BLUE POINT  
BOXOCKET**

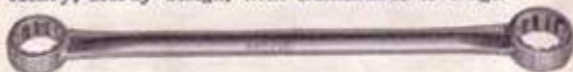
The double hexagon or twelve point broaching and thin walls permit Boxocket Wrenches to be used where clearance and turning space is extremely limited. Require only half as much space for handle movement as end wrenches to operate on hexagon nuts and afford greater leverage.

The following numbers have the same opening on both ends. Where you need a straight wrench you have it. If there are obstructions to clear you have the advantage of the offset end. This gives Blue Point Boxocket wrenches double the handle efficiency of other wrenches of this type. Sizes as follows:

No.	Length	Opening	Each	No.	Length	Opening	Each
X-14	7½"	¾"	\$1.40	X-22	10¼"	1½"	\$1.90
X-16	8"	¾"	1.45	X-24	11¼"	1½"	2.00
X-18	8¾"	¾"	1.55	X-26	12"	1½"	2.15
X-20	9½"	¾"	1.85	X-28	12¾"	1½"	2.20
				X-30	13½"	1½"	2.30

## Double End Straight Boxocket Wrenches

These Boxockets with straight handles and two different openings of the larger sizes on each wrench, are in answer to a big demand from mechanics for tools of this type for various servicing operations on the larger nuts and bolts. Heavy, sturdy design, with tremendous leverage.



No.	Length	Openings	Each	No.	Length	Openings	Each
X-3032	15¼"	1½" & 1"	\$2.65	X-3440	15¼"	1½" & 1¼"	\$2.65
X-3034	15½"	1½" & 1½"	2.65	X-3940	15¼"	1½" & 1¼"	2.85
X-3436	15¼"	1½" & 1¼"	2.85				

*The Blue Point Name Stands for Quality First*

## Boxocket Wrench Sets

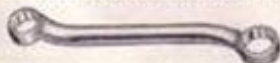
THESE sets comprise our standard type of Boxocket wrenches and are so designed that they will efficiently service at least seventy-five percent of the hard-to-reach nuts and bolts on automobiles, trucks and tractors.

	X-14. $\frac{1}{16}$ ".....	\$1.40
	X-16. $\frac{1}{8}$ ".....	\$1.45
	X-18. $\frac{3}{16}$ ".....	\$1.55
	X-20. $\frac{1}{4}$ ".....	\$1.65
	X-22. $\frac{1}{2}$ ".....	\$1.90
	X-24. $\frac{3}{4}$ ".....	\$2.00
	X-26. $\frac{7}{8}$ ".....	\$2.15
	X-28. $1\frac{1}{8}$ ".....	\$2.20
	X-30. $1\frac{3}{8}$ ".....	\$2.30

Each of these wrenches has the same opening on both ends, so that you have a straight and an offset wrench in every size. The heads are shallower, the walls thinner and the handles longer than you will find in any other box type wrench made. They are accurately broached to make a snug fit and chamfered so that the opening readily locates itself on the nut or bolt head.

No. X-9 Set—Consisting of nine Boxocket wrenches shown above.....\$16.80

No. X-7 Set—Consisting of seven Boxocket wrenches, Nos. X-14, X-16, X-18, X-20, X-22, X-24 and X-28. Set.....\$12.35



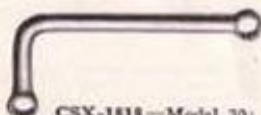
No. SX-1618—Here is the baby of the Boxocket line, only  $5\frac{1}{2}$ " long, with the two most popular openings in automobile service work,  $\frac{1}{4}$ " and  $\frac{3}{16}$ ". Also invaluable on motorcycles and outboard motors. Each end has a slight offset to clear obstructions. Every mechanic who sees this tool wants one. Each.....\$1.25

*Buy Sets—Have the Right Tool for Every Job*



## Special Caterpillar Set Boxsocket Wrenches

**T**HIS set is especially designed for servicing various difficult jobs on Caterpillar tractors. The handles are bent and heads set at just the right angles to perform these operations at a great saving of time and labor.



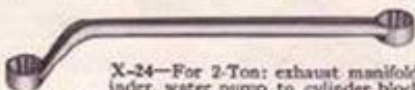
**CSX-1618**—Model 30: water pump manifold to cylinder. This wrench has a  $\frac{1}{8}$ " opening on each end, 7" long.  
Each.....\$2.05



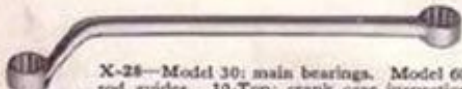
**SX-1618**—For 2-Ton: magneto mounting, generator mounting, carburetor flange and water pump bolts. Model 30: water pump to cylinder, fan bearing, air cleaner and crank case covers. Model 60 and 10-Ton: fan bearing.  $\frac{1}{2}$ " and  $\frac{3}{8}$ " openings. Each.....\$1.25



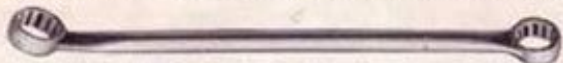
**CSX-2222**—Model 30: water manifold, fan bearing, water pump exhaust manifold to cylinder. Model 60: water manifold to cylinder, water pump, air cleaner clamp band.  $1\frac{1}{8}$ " openings. Each...\$2.25



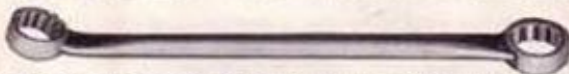
**X-24**—For 2-Ton: exhaust manifold to cylinder, water pump to cylinder block, rocker arm shaft and water manifold. Model 30: rocker arm shaft. Model 60: air cleaner and crank case covers. 10-Ton: water pump packing gland nuts and push rod guides.  $\frac{3}{4}$ " openings. Each.....\$2.00



**X-28**—Model 30: main bearings. Model 60: push rod guides. 10-Ton: crank case inspection plate  $\frac{3}{8}$ " openings. Each.....\$2.20



**CSX-3034**—For 2-Ton: cylinder head and block bolts. Model 30: Main bearings. Model 60: Cylinder head, main bearings, connecting rod bearings and rocker arm shaft. 10-Ton: cylinder head, exhaust manifold to cylinder, main bearings and connecting rod bearings.  $1\frac{1}{8}$ " and  $1\frac{3}{8}$ " openings. Each.....\$3.00



**CSX-3440**—Model 30: cylinder head and cylinder block bolts. Model 60: cylinder head and cylinder block bolts, exhaust manifold to cylinder and connecting rod bearings. 10-Ton: exhaust manifold to cylinder, connecting rod bearings and cylinder head bolts.  $1\frac{1}{8}$ " and  $1\frac{3}{8}$ " openings. Each.....\$3.25

**CSX-7**—Complete set special Boxsocket wrenches for Caterpillar tractors.....\$16.00

*Boxsocket Wrenches Prevent Skinned Knuckles*

# Mack Truck Boxocket Set

**D**ESIGNED to efficiently service the difficult jobs on all models of Mack trucks. Save a tremendous amount of time and eliminate many hand injuries.

This illustrates how No. MSX-3034 wrench, shown at bottom of page is used as a handle for turning No. MSX-30. No. 2828-A is used in the same way for turning No. MSX-28. These hook-ups allow you to take short turns and clear obstructions.

**MSX-30**—For AC Models, on cylinders cast in pairs and also cylinders cast in block; fits front block bolt and bolts 1, 3, 4, 5 and 6 on left hand side; also two bolts between blocks on cylinders cast in pairs.  $1\frac{1}{8}$ " opening, 26" long. Each, \$3.50

**MSX-28**—For same operations as above on AB Models.  $\frac{3}{4}$ " opening, 22  $\frac{1}{2}$ " long. Each, \$2.40

**MSX-1818**—For AC Model: lower water manifold on radiator flange bolts.  $\frac{1}{2}$ " openings. Each, \$1.75

**MSX-2020-A**—For all Models: exhaust manifold to exhaust pipe flange.  $\frac{3}{4}$ " openings. Each, \$2.00

**MSX-2020-B**—For AC Model: water pump manifold flange bolts.  $\frac{3}{4}$ " openings. Each, \$2.05

**MSX-2424**—For all Models: push rod guide clamp stud nuts; also exhaust manifold to cylinder on AL model.  $\frac{3}{4}$ " openings. Each, \$2.20

**MSX-2828-A**—For AB Models: two stud nuts on left hand side of cylinders; nuts between cylinders on left hand side; exhaust manifold to cylinder nuts; cylinder block nuts in valve housing on right hand side; rear nut in cylinder block. For AC Models: exhaust manifold to cylinder nuts. Used also as a handle for MSX-28.  $\frac{3}{4}$ " openings. Each, \$2.70

**MSX-3030**—For AC Model: cylinder block stud nuts; also valve housing No. 2 nut, left hand side.  $1\frac{1}{8}$ " openings. Each, \$2.75

**MSX-3034**—For AC Models: Same operations as MSX-2828. The  $1\frac{1}{4}$ " opening also for motor support bolts. The  $\frac{1}{2}$ " opening also fits head of MSX-30 and is used as handle. Each, \$2.75

**MSX-9**—Complete set Mack Special Boxocket wrenches....\$23.10

*The Tools Mechanics Swear By and Not At*

## Special Boxocket Wrenches

THE various special types of Boxocket wrenches on this and the following page show how these tools can be adapted to all sorts of hard jobs. We can bend them into any shape or at any angle to get over, under or past obstructions.

Prices upon application.

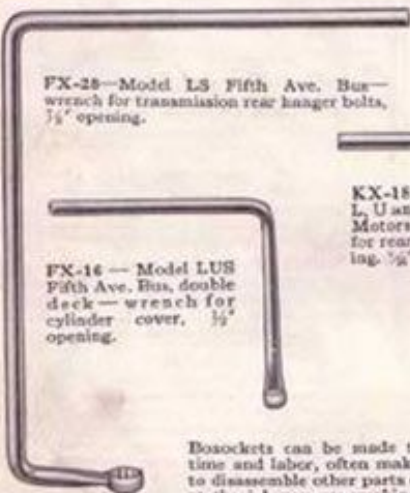


YX-18. Yellow Coach; water intake manifold.  $\frac{1}{4}$ " opening.



FX-20 — Model "L" Fifth Ave. Bus, double deck—wrench for propeller shaft center bearing.  $\frac{1}{2}$ " opening.

We are always interested in providing the proper tools to simplify difficult servicing operations. Send us a sketch or drawing of the tool needed on any automobile or truck.



FX-28—Model LS Fifth Ave. Bus—wrench for transmission rear hanger bolts.  $\frac{1}{2}$ " opening.

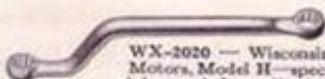
FX-16 — Model LUS Fifth Ave. Bus, double deck — wrench for cylinder cover.  $\frac{1}{2}$ " opening.



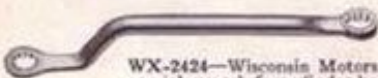
KX-18 — Models L, U and Z, Knight Motors — wrench for rear main bearing.  $\frac{1}{2}$ " opening.

Boxockets can be made to save you much time and labor, often making it unnecessary to disassemble other parts of an engine to get at the job you are working on.

We are equipped to turn out special types of Boxocket wrenches at very small additional cost. Prices on application.



WX-2020 — Wisconsin Motors, Model H—special wrench for cylinder head bolts,  $\frac{1}{4}$ " openings.



WX-2424—Wisconsin Motors, Models B-2 and Z—special wrench for cylinder head bolts,  $\frac{1}{4}$ " openings.

*Simplify Hard Nut Turning Jobs with Boxockets*

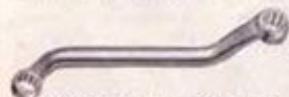


## Special Boxocket Wrenches

THESE wrenches are representative of the almost unlimited adaptability of Blue Point Boxocket wrenches. They illustrate how these tools can be bent in any desired shape.



CS-26—Special short wrench for Chevrolet starter connecting bolts and other uses on the Chevrolet.  $\frac{3}{4}$ " opening. A popular tool with mechanics. Each.....35c



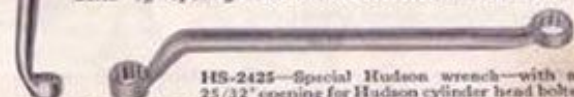
Nash 1820—Nash manifold and carburetor wrench, all models.  $\frac{1}{2}$ " and  $\frac{3}{4}$ " openings,  $5\frac{1}{2}$ " long. Each.....\$1.85



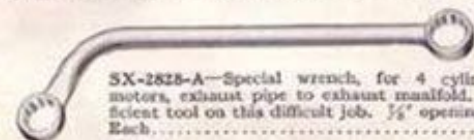
SCB4-7 — Special manifold wrench for models B4 and B7 Continental Motors. Saves much time in servicing these hard jobs. Each.....\$1.00



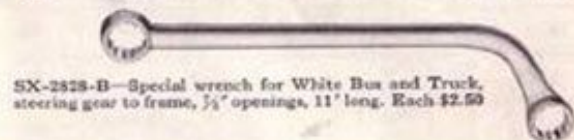
ES-1818—Essex Cylinder head wrench—takes all nuts on the cylinder head on the 1928 model without interfering with horn.  $\frac{1}{2}$ " openings. Each.....\$2.25



HIS-2425—Special Hudson wrench—with a  $25/32$ " opening for Hudson cylinder head bolts and a  $\frac{3}{4}$ " opening for steering support brackets and other jobs. Each.....\$2.30



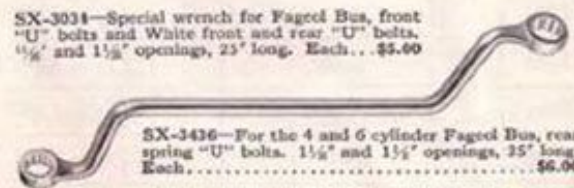
SX-2828-A—Special wrench, for 4 cylinder Fagel motors, exhaust pipe to exhaust manifold. A very efficient tool on this difficult job.  $\frac{1}{2}$ " openings, 10" long. Each.....\$2.50



SX-2828-B—Special wrench for White Bus and Truck, steering gear to frame,  $\frac{1}{2}$ " openings, 11" long. Each \$2.50



SX-3034—Special wrench for Fagel Bus, front "U" bolts and White front and rear "U" bolts.  $\frac{1}{2}$ " and  $1\frac{1}{2}$ " openings, 25" long. Each...\$5.00



SX-3436—For the 4 and 6 cylinder Fagel Bus, rear spring "U" bolts.  $1\frac{1}{2}$ " and  $1\frac{3}{4}$ " openings, 25" long. Each.....\$6.00

*You Don't "Cuss" When You Use Boxockets*

# Blue Point Open End Wrenches



**M**ADE from the highest grade special analysis manganese tool steel, specified and carefully selected by metallurgical engineers for strength, toughness and fatigue resistance under the strain of hard usage. Forged, milled and individually heat treated by skilled workmen.

Jaws correctly designed, made to the proper thinness for greatest efficiency in operation, milled, .005 oversize for a neat fit that will not slip off the nut on a hard pull, nickel plated, highly polished.

## Sizes, Prices and What They Fit

Sizes of all nuts and cap screws (bolts) given, are the diameters of threads, or bolts.

No.	Size Opening	Head Thickness	Length Over All	S.A.E. Nuts, Cap Screws	U.S.S. Nuts	U.S.S. Cap Screws	Price Each
1214	$\frac{3}{8}$ $\frac{7}{16}$	$\frac{5}{16}$ $\frac{7}{16}$	5½	¼ ¼	¼ ¼	¼ ¼	\$0.65
1416	$\frac{7}{16}$ $\frac{1}{2}$	$\frac{5}{16}$ $\frac{7}{16}$	5½	¼ $\frac{5}{16}$	¼ ¼	¼ $\frac{5}{16}$	.65
1618	$\frac{1}{2}$ $\frac{5}{16}$	$\frac{17}{64}$ $\frac{17}{64}$	6¼	$\frac{5}{16}$ $\frac{3}{8}$	¼ ¼	$\frac{5}{16}$ $\frac{3}{8}$	.75
1619	$\frac{1}{2}$ $\frac{19}{32}$	$\frac{17}{64}$ $\frac{17}{64}$	6½	$\frac{5}{16}$ ¼	¼ $\frac{5}{16}$	$\frac{5}{16}$ ¼	.75
1820	$\frac{5}{16}$ $\frac{3}{8}$	$\frac{9}{32}$ $\frac{9}{32}$	7	$\frac{3}{8}$ $\frac{7}{16}$	¼ ¼	$\frac{3}{8}$ $\frac{7}{16}$	.85
2024	$\frac{3}{8}$ $\frac{1}{2}$	$\frac{5}{16}$ $\frac{5}{16}$	7½	$\frac{7}{16}$ $\frac{1}{2}$	¼ ¼	$\frac{7}{16}$ $\frac{1}{2}$	.95
2225	$\frac{11}{16}$ $\frac{20}{32}$	$\frac{11}{32}$ $\frac{11}{32}$	8	¼ ¼	$\frac{3}{8}$ $\frac{7}{16}$	¼ ¼	1.05
2226	$\frac{11}{16}$ $\frac{10}{16}$	$\frac{11}{32}$ $\frac{11}{32}$	8	¼ ¼	$\frac{3}{8}$ ¼	¼ $\frac{5}{16}$	1.05
2428	$\frac{1}{2}$ $\frac{7}{8}$	$\frac{3}{8}$ $\frac{3}{8}$	8¾	$\frac{1}{2}$ $\frac{5}{16}$	¼ $\frac{3}{8}$	$\frac{1}{2}$ $\frac{5}{8}$	1.25
3034	$\frac{15}{16}$ $1\frac{1}{16}$	$\frac{1}{2}$ $\frac{1}{2}$	11	$\frac{3}{8}$ $\frac{3}{4}$	$\frac{3}{8}$ $\frac{3}{8}$	¼ ¼	1.95
3236	1 $1\frac{1}{8}$	$\frac{1}{2}$ $\frac{1}{2}$	11	$\frac{11}{16}$ ¼	¼ ¼	$\frac{3}{4}$ $\frac{3}{8}$	2.00

*All Prices Quoted Are Net to the Trade*

## Open End Wrench Sets



**M**OST mechanics require several sizes of open end wrenches. You will not overlook the advantages of owning one of the following sets in a handy leatherette kit bag, which offers protection for the tools and makes it easy for you to check up and prevent their loss.

**BPR-8**—One each of 8 wrenches, Nos. 1214, 1416, 1618, 1619, 1820, 2024, 2225 and 2428.

Wrenches only.....	\$6.90
Leatherette kit.....	.60
Complete set.....	\$7.50

**BPR-6**—A popular set of S. A. E. sizes. One each of Nos. 1214, 1416, 1618, 1820, 2024 and 2428.

Wrenches only.....	\$5.10
Leatherette kit.....	.40
Complete set.....	\$5.50

**BPR-5**—One each of 5 popular sizes, Nos. 1416, 1618, 1820, 2024 and 2428.

Wrenches only.....	\$4.45
Leatherette kit.....	.40
Complete set.....	\$4.85

### Lockheed Brake Adjusting Wrenches

Perfectly adapted for adjusting the Lockheed hydraulic brakes in use on many of the late model cars. Same opening on each end  $6\frac{1}{4}$ " length.



No. 5116 — $\frac{1}{2}$ " opening.	Each .....	95c
No. 5118 — $\frac{3}{16}$ " opening.	Each .....	95c
No. 5120 — $\frac{1}{8}$ " opening.	Each .....	95c
S-51 Set—One each of 3 above wrenches		\$2.85

*In Ordering by Mail Please Give Stock Number*



## Right Angle Wrenches

**H**ANDY new Blue Point wrenches our mechanic friends have called upon us to supply for brake adjusting, manifold, cylinder head and spring shackle work, as well as other jobs in close quarters.



Both openings are turned in the same direction so you can use the full leverage on either end without the other opening cutting into your hand. Made of Chrome Vanadium tool steel, openings accurately milled and heads correctly shaped for maximum strength and easy operation around obstructions. Nickel plated, highly polished. Guaranteed for a year. The four wrenches in the leatherette kit give you a real set of eight of the most needed sizes.

No.	Openings	Length	Each
RA-1416	7/16" and 1/2"	5 1/2"	\$ .75
RA-1820	9/16" and 5/8"	6 1/2"	1.00
RA-2226	11/16" and 13/16"	7 1/2"	1.20
RA-2428	3/4" and 7/8"	8 1/2"	1.45
RA-4 Set—Tools only			4.40
RA-4K Set—Complete in kit bag			4.80



## Ignition and Carburetor Wrenches

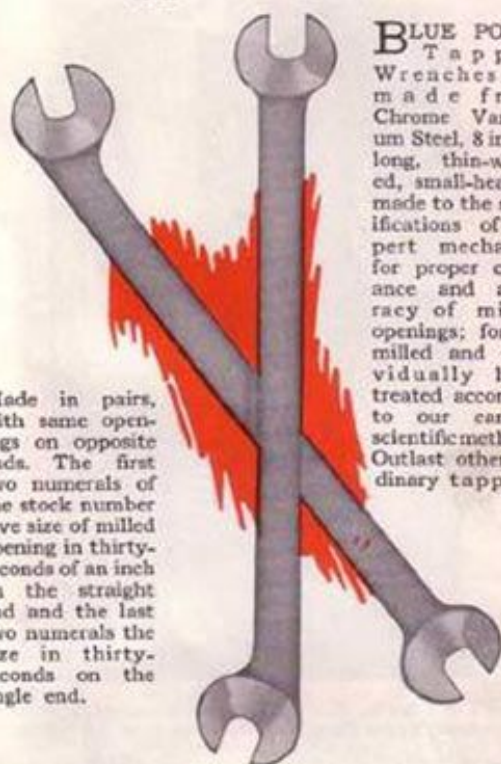
**M**IDGET size — one end offset, the other end with a right angle opening of the same size — just what you need for those tricky ignition and carburetor jobs.

	Each
732—7/32", for Delco points, 3" length	.60
1564—15/64", for Bosch—AutoLite, 3" length	.60
416—1/4", for Remy and others, 3" length	.60
516—5/16", for Remy and others, 3" length	.60
616—3/8", for general electrical service, 3 1/4" length	.60
716—7/16", for general electrical service, 3 1/4" length	.60
No. 1-6 Set—One each of the above six sizes. Tools only	3.60
No. 1-6 Set—In leatherette kit bag	3.80
No. 932—9/32" opening, for Esenmann, 3" length	.60
No. 1132—11/32" opening, for Bosch of German make, 3" length	.60
816—1/2", for Carburetor and other brass nuts	.60
916—9/16", for Carburetor and other brass nuts	.60
No. C1-10 Set—One each of above ten sizes. Tools only	6.00
No. C1-8 Set—In leatherette kit bag	6.20

*The Blue Point Name Is Quality Insurance*

# Tappet Wrenches

Made in pairs, with same openings on opposite ends. The first two numerals of the stock number give size of milled opening in thirty-seconds of an inch on the straight end and the last two numerals the size in thirty-seconds on the angle end.



**BLUE POINT**  
Tappet Wrenches are made from Chrome Vanadium Steel, 8 inches long, thin-waisted, small-headed, made to the specifications of expert mechanics for proper clearance and accuracy of milled openings; forged, milled and individually heat treated according to our careful, scientific methods. Outlast other ordinary tappets.

No.	Size Opening		Thickness of Head	Length over all	Price Each
	Straight	Angle End			
T1416 T1614	$\frac{7}{16}$ $\frac{3}{2}$	$\frac{3}{8}$ $\frac{1}{16}$	$\frac{5}{16}$	8	\$0.85 .85
T1719 T1917	$\frac{17}{32}$ $\frac{19}{32}$	$\frac{19}{32}$ $\frac{17}{32}$	$\frac{5}{16}$	8	.90 .90
T1820 T2018	$\frac{9}{16}$ $\frac{3}{4}$	$\frac{3}{8}$ $\frac{9}{16}$	$\frac{11}{16}$	8	.90 .90
T2123 T2321	$\frac{21}{32}$ $\frac{23}{32}$	$\frac{23}{32}$ $\frac{21}{32}$	$\frac{9}{16}$	8	1.00 1.00
T2224 T2422	$\frac{11}{16}$ $\frac{3}{4}$	$\frac{3}{8}$ $\frac{11}{16}$	$\frac{9}{16}$	8	1.00 1.00
T2628 T2826	$\frac{13}{16}$ $\frac{3}{4}$	$\frac{3}{8}$ $\frac{13}{16}$	$\frac{7}{16}$	8	1.15 1.15
T3032 T3230	$\frac{15}{16}$ 1"	1" $\frac{15}{16}$	$\frac{3}{4}$	8	1.20 1.20

*Our Standard One-Price Policy Protects You*

Chrome



Vanadium

## Tappet Wrench Set



**No. BT-8 Tappet Wrench Set**—A practical assortment of much used sizes consisting of one each of the following:

Numbers	Openings
T-1416 and T-1614.....	7/16" and 1/2"
T-1810 and T-2018.....	9/16" and 5/8"
T-2224 and T-2422.....	11/16" and 3/4"
T-2628 and T-2826.....	13/16" and 7/8"
Wrenches only.....	\$7.50
Leatherette kit.....	.30
Complete set.....	\$8.10

## Guaranteed Blue Point Open End and Tappet Wrenches

**B**LUE Point Wrenches are made by workmen who are thoroughly trained to produce quality rather than volume. Every Blue Point Wrench is guaranteed not to spread at the jaws, break or otherwise become unserviceable under any legitimate, regular usage, for one year from date of purchase. Should your's fail to stand up under these conditions, hand the broken tool to our salesman or send it to the Branch Office he represents and it will be replaced free of charge.

*Buy Sets—Have the Right Tool for Every Job*



# Tappet Wrench Applications

## On Standard Makes of Cars

Car	Wrench Numbers	Car	Wrench Numbers
AJAX.....	(2) T-1820 (1) T-2018	CONTINEN.	
AUBURN.....	T-1416, T-1820, T-2018.	TAL MOTORS	
BUDA		Models — J-4, K-4, L-4, L-5, M-4, P-35, S-4, S-5, 6-S, 6-T, 7-R, 9-K, 14-T, 26-H, 11-T, 6-B, 6-E, 6-J, 6-M, 7-C, 8-A, 8-B, 8-R, 9-A, 10-AP-56, 7-T, T-2018, T-2422 9-T, 14-HH... T-2826	
MOTORS.		Models — H-4, H-5, H-6, H-8, W-4, W-5, 7-Z, 9-L, 14-L, 18-L, P-20, 6-C, 19-L, 20-L, 24, H-2, H-7, H-9, 6-Y, 7-U, 7-D, 7-H, 7-N, 8-D, 8-H, 8-N, 9-N, 10-D, 10-N, 11-N, T-1820, T-2018, 12-X, P-11... T-2224	
Models — RU, W, LSU, R, O, OU, OM-3, SS, SSU, O, OU, OM-3, 1U, ITU, I, TV, TM-3, HU, HTU, XU, YUI.....	T-1820, T-2018.	Models — 7-W, 8-W, 8-U, 11-U, 12-Z, 14-U, T-1416, T-1820, 18-U, 10-U... T-2018	
Models — MU, DTU, CTU ..		Model — 8-S... T-1820, T-2422, T-1614	
FTU, ETU ...	T-2422, T-2224	CUNNING-	
Models XTU, YTU, ATU...		HAM.....	T-1820, T-2018
BTU.....	T-3230, T-3032	DAGMAR.....	T-1416, T-1820 T-2018
BUICK.		DIANA.....	T-1820, T-2224
1924-25-26-27...	T-2018, Sc. Dr.	DODGE.....	T-1719, T-1917
Up to 1924 ...	T-1416, T-1614	DORT 6.....	T-1416, T-1820, T-2018
CADILLAC.		DURANT 4 ...	T-1416, T-1614
V-63 Series 314	T-2018, Sc. Dr.	EARL.....	T-1820, T-2018
V-63.....	T-1416, T-1614	ESSEX 4.....	T-1820, T-2018, T-2224
CASE.		ESSEX 6.....	T-1416, T-1820, T-2224
1918-21.....	T-1820, T-2018, T-2224.	ELCAR.....	T-1614, T-1917, T-2123
1921-27.....	T-2018, T-2224, T-2628	FLINT.	
CHALMERS...	T-1820, T-2628	Junior & B-60	T-1416, T-2018, T-2224
CHANDLER.		E-86.....	T-2224, T-2826, A-16 socket
Standard 6		FRANKLIN ...	T-2018, Sc. Dr.
Special 6		GARDNER...	T-1614, T-2018, T-2224
Big 6.....	T-2224, T-3032	GRANT.....	T-1416, T-1820
Royal 8.....	T-1416, T-1614, T-1820	HAYNES.....	T-1820, T-2018
CHEVROLET...	T-2018, Sc. Dr.	HERTZ.....	T-1614, T-2018, T-2224
CHRYSLER ..	T-1416, T-1614, T-1820	HUDSON.....	T-1820, T-2018, T-2224
CLEVELAND.		HUPMOBILE.	
Standard 6		Model "R" ...	T-1820, (2) T-2018
Special 6		Model "E" ..	T-1614, T-1416
Big 6.....	T-2224, T-3032	Model "A" ..	T-2224, T-2422, T-2321
Royal 8.....	T-1416, T-1614, T-1820		
COLE.....	T-1416, T-1820		
CONTINEN.			
TALMOTORS			
Model B-2...	T-3230, 1 1/4"		
Models B3, B-7	T-2018, T-2422, T-3230		
Models C, C-4, C-2, N, V-4, V-7, 6-A, 6-N, 6-P.....	T-2018, T-2224, T-2422		
Models E, E-4, E-7.....	T-2422, T-2826, T-3230		
Models O, 6-V, 7-K, 7-V, 9-V, 9-W.....	T-1416, T-2018 T-1820		
Model T.....	T-2224, T-2422, T-3230		

## Tappet Wrench Applications (Cont.)

Car	Wrench Numbers	Car	Wrench Numbers
JEWETT. Model 6-40 ...	T-2422, T-1820	PONTIAC.....	T-1820, T-2018, T-1614
Models 18-22, 23-25 .....	(2) T-2018, T-2224	REO.....	(2) T-1614, T-1416, T-1820
JORDAN. Model "J" ...	T-1614, T-2422, T-2224	STAR.....	T-1416, T-2018, T-2224
Models A, MX, H, K, L.....	T-2018, T-2422, T-2528	STUDEBAKER Big 6, Sp. 6 ...	T-2224, T-1719, T-1614
LA SALLE.....	T-2018, Sc. Dr.	Standard 6	T-1416, T-1614
KING.....	T-1820, T-2224, T-2422	Light 6.....	T-1820, T-2018, T-1416
LIBERTY.....	(2) T-1416 (1) T-1614	Erskine 6.....	T-1614 and Sc. Dr.
LINCOLN.....	T-1614, T-1416	VELIE.....	Waukesha Motors. Models — Dr.
LOCOMOBILE Model 90.....	T-2018, T-1820, T-2422	ER, CR, 6-AL, 6-OL, 6-HL, 6-AB, 6-QB, 6-HB.....	T-2018, T-2422
Model 48.....	T-2018, T-2422	Models V, Z, ZA, X, Xa ...	T-1719, T-1917
Model Jr. 8....	T-2018, Sc. Dr.	Models C U, FU, DU, EU, GU, JL, JS, WL, WS, WE	1 $\frac{1}{2}$ " and 1 $\frac{3}{8}$ "
LYCOMING MOTORS.....	T-1416, T-1820, T-2018	WILLS SAINT CLAIRE.....	T-1416, T-1614
MARMON.....	T-1820, (2) T-2018, Sc. Dr.	WILLYS KNIGHT....	T-1416, T-1614
MAXWELL.....	T-1416, T-1820	WESTCOTT ...	T-1820, T-2224, T-2628
MC FARLAN... ..	T-2123, T-3032		
MERCER.....	T-1820, T-2018		
MITCHELL... ..	T-1416, T-1820, T-2018		
MOON.....	T-1820, T-2422		
NASH. Models — 681, 691, 41 .....	T-1614 and Pr. T-1820 Plus	Truck	Wrench Numbers
Model 161, 261, 131, 231 ...	T-1820, Sc. Dr.	Auto Car	(2) T-1820, (1) T-2018
Model 221 ...	T-1820, (2) T-2018	Ace.....	(2) T-1820, (1) T-2018
NATIONAL 6... ..	T-1820, T-2224	Bethlehem	(1) T-1820, (1) T-2224, (1) T-2422
OAKLAND.....	T-1820, T-2018, T-1614	Commerce	(1) T-1820, (1) T-2224, (1) T-2422
OLDSMOBILE	T-1416, T-2018	Fulton...	(1) T-1416, (1) T-1614, (1) T-1820
OVERLAND... ..	T-1614, (2) T-1416	Garford...	(1) T-1820, (1) T-2018, (1) T-2224, (1) T-2422, (1) T-3032, (1) T-3230
PACKARD... ..	T-2018, (2) T-1820	G.M.C....	(1) T-2224, (1) T-2628, (1) T-2826
PAIGE. Model 6-70 ...	T-2018, T-2826, T-2224	Indiana...	(1) T-1820, (1) 2224, (1) 2422, (1) T-2628
Models 6-72, 6-75 .....	(2) T-2018, T-2224	International...	(1) T-1416, (1) T-1820, (1) T-2224
Model 8-85 ...	T-1614, (2) T-1820	Maccar ..	(1) T-1820, (1) T-2224
Model 6-45 ...	T-2422, T-1820	Packard ..	(1) T-1416, (1) T-1614, (1) T-1820
PERLESS. Model 6-72... ..	T-2224, T-3032	Pierce- Arrow	(3) T-1820, (1) T-2018
Model 6-80 ...	T-1416, T-1820, T-2224	Republic..	(3) T-1820, (1) T-2018, (1) T-2224
PIERCE ARROW. Model 80 ....	T-3032, T-2224	Service ...	(2) T-1820, (1) T-2018
Model 33.....	T-3032, T-1416	Transport..	(2) T-1820, (1) T-2018, (1) T-2224, (1) T-2422
		White ....	(1) T-1820, (1) T-2018, (2) 2226, (1) T-2622, (1) T-2428

## Rigid Pipe Wrenches

THE housing of these wrenches is unconditionally guaranteed against breakage or distortion—the biggest feature ever offered in a pipe wrench. Jaws made of high-grade tool steel. They grip and hold perfectly under the stiffest pull but you can't lock them on a pipe. The powerful I-beam handle will out-test any wrench, size for size. Hook jaw will not get a hollow back or break; heel jaw, as well as the hook jaw, is replaceable.

### Straight Wrenches



No.	Size	Weight	Price	No.	Size	Weight	Price
6	6"	7 oz.	\$1.10	18	18"	5 lbs.	\$2.75
8	8"	15 oz.	1.15	24	24"	8½ lbs.	3.75
10	10"	1½ lbs.	1.35	36	36"	16 lbs.	7.25
14	14"	3½ lbs.	1.75	48	48"	27 lbs.	11.00

### End Wrenches



For all tight places such as coil pipes, pipes against walls and all pipes you can't get at with a straight wrench. Perfect one-hand adjustment. Can't pinch your fingers between wrench and wall. All parts interchangeable with straight wrenches.

No. E-6—Length 6", weight 7 oz.	Each.....	\$1.10
No. E-8—Length 8", weight 15 oz.	Each.....	1.15
No. E-10—Length 10", weight 1½ lbs.	Each.....	1.35

## Diamond Adjustable Wrenches



Made entirely of high-carbon tool steel, subjected to a process of annealing, hardening and tempering that insures a remarkably long life of service.

Design and workmanship in keeping with the superior quality of steel of which they are made. We recommend Diamond Wrenches as the best quality tools of this type that are made.

No.	Size	Weight	Each	No.	Size	Weight	Each
4	4"	2 oz.	\$0.65	12	12"	2 lbs.	\$1.50
6	6"	5 oz.	.65	15	15"	4½ lbs.	2.25
8	8"	10 oz.	.80	18	18"	7 lbs.	3.25
10	10"	18 oz.	1.00				

Repair parts carried in stock for quick replacement service.

Our Tool Salesmen Are Also Tool Service Men



## Simplex Ratcheting End Wrenches

**A**N improved type of open end wrench embodying a ratcheting feature. Takes a positive grip on the nut in pulling and will not slip. Releases the grip on a very slight backward movement and automatically catches a new hold on the nut without removing the wrench. A practical tool that works fast and easy. Each wrench has four openings. All important sizes are duplicated, with an outside as well as an inside opening on different wrenches to make all sizes adaptable for work in close places.

Any outside opening operates in less space than the same opening on a regular end wrench and inside openings take no more space.

All Simplex Wrenches are forged from Hi-Nickel - Molybdenum tool steel to give maximum strength and lasting qualities—milled with extreme accuracy.



No. 10—Length 5 1/4"  
4 openings. Each \$1.00



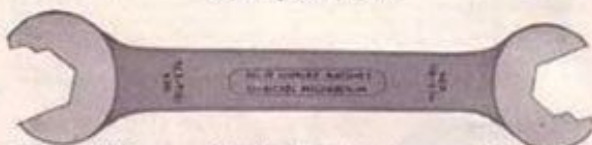
No. 13—Length 6 1/2"  
4 openings. Each \$1.20



1 1/2" and 1 3/4"

No. 15—Length 8"  
4 openings. Each \$1.70

3/4" and 1 1/4"



1 3/4" and 1 5/8"

No. 19—Length 9 1/2"  
4 openings. Each \$2.10

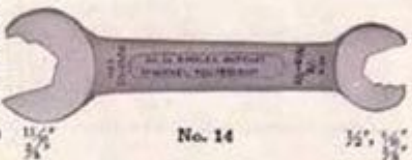
3/4" and 1 1/2"



No. 32

No. 32—With 4 popular U. S. S. sizes, length 6 1/2". Each.....\$1.20

No. 14—With 5 important S. A. E. sizes in one wrench. A handy pocket tool for inspection work at the curb. Length 6 1/2". Each.....\$1.30



No. 14

1/2", 5/8", 3/4", 7/8"

## Simplex Wrench Sets

These compact Simplex sets cover a range of utility of ordinary wrench sets twice their size. The most used sizes are duplicated in each set, with one of these openings on the "outside."

**SX-5 Set**—Consisting of 5 Simplex wrenches, Nos. 10, 13, 15, 19 and 32 shown on opposite page. The following table illustrates the complete coverage of S.A.E. sizes and the most used U. S. S. sizes of nuts and bolts. Tools only \$7.20  
The set in leatherette kit \$7.60



Size of Openings.....	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
No. Openings	1	3	2	1	2	1	2	1	1	2	2	1	1	
S.A.E. Sizes	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
U.S.S. Nuts	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
U.S.S. Cap Sc.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$



SX-4 Set—Nos. 10, 13, 15 and 19 wrenches.

Tools only . . . . .	\$6.00
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The set in leatherette kit . . . 6.40



SX-3 Set—Nos. 10, 13 and 15 wrenches.

Tools only ..... \$3.90

The set in leatherette kit 4.30

Table Showing Coverage of S. A. E. Sizes by SX-4 Set

Size of Openings.....	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$
No. Openings, S. A. E. Sizes.	1	2	2	2	2	1	2	2	1	1

Table Showing Coverage of S. A. E. Sizes by SX-3 Set

Size of Openings.....	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$1\frac{1}{8}$	$\frac{3}{4}$	$1\frac{1}{2}$
No. of Openings.....	1	2	2	2	2	1	1	1
S. A. E. Sizes.....	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$		$\frac{3}{4}$	$\frac{3}{4}$

### Good Tools Are a Profitable Investment

## Blue Point Flat Chisels

**B** **L** **E** Point Chisels are made from the finest quality of Swedish tool steel, best adapted to the service and usage for which each tool is designed. They are hammer forged at low heat, carefully formed and individually heat treated, hardened, tempered and perfectly ground.

No. 828—  
 $\frac{1}{2}$ " Stock  
 $\frac{1}{2}$ " edge  
 8" length  
 Each...75c

No. 824—  
 $\frac{1}{2}$ " Stock  
 $\frac{1}{2}$ " edge  
 7" length  
 Each...55c

No. 820—  
 $\frac{1}{2}$ " Stock  
 $\frac{1}{2}$ " edge  
 $6\frac{1}{2}$ " length  
 Each...50c

No. 816—  
 $\frac{1}{2}$ " Stock  
 $\frac{1}{2}$ " edge  
 6" length  
 Each...45c

No. 812—  
 $\frac{1}{2}$ " Stock  
 $\frac{1}{2}$ " edge  
 $5\frac{1}{2}$ " length  
 Each...40c



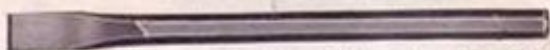
## Blue Point Flat Chisel Set

The five sizes of Flat Chisels shown on the opposite page put up in a neat leatherette kit, giving you the correct tool for practically every chisel job.



No. C-5 Set  
Flat Chisels,  
Tools Only...  
.....\$2.65  
Kit..... .30  
-----  
\$2.95

## Blue Point Long Flat Chisels



No. 1020	— $\frac{5}{8}$ " stock,	$\frac{3}{4}$ " edge,	11" length...	Each \$0.80
No. 1024	— $\frac{3}{4}$ " "	$\frac{7}{8}$ " "	12" "	... Each 1.05
No. 1628	— $\frac{1}{2}$ " "	$\frac{7}{8}$ " "	16" "	... Each 1.40
No. 1832	— $\frac{7}{8}$ " "	1" "	18" "	... Each 1.85

## How Blue Points Are Made

**B**LUE Point Chisels and Punches are made on the same principle that the blacksmith used to employ in making them by hand, except that our power hammer forms them more accurately. The hammering tends to refine the grain and the low temperature at which they are formed preserves the carbon in the steel which gives it lasting quality. Blue Points are far superior to the ordinary drop forged tools which are formed at one blow and at such high temperatures that the carbon is burned out of the steel. The service you will get out of Blue Points is worth much more than the difference in price.

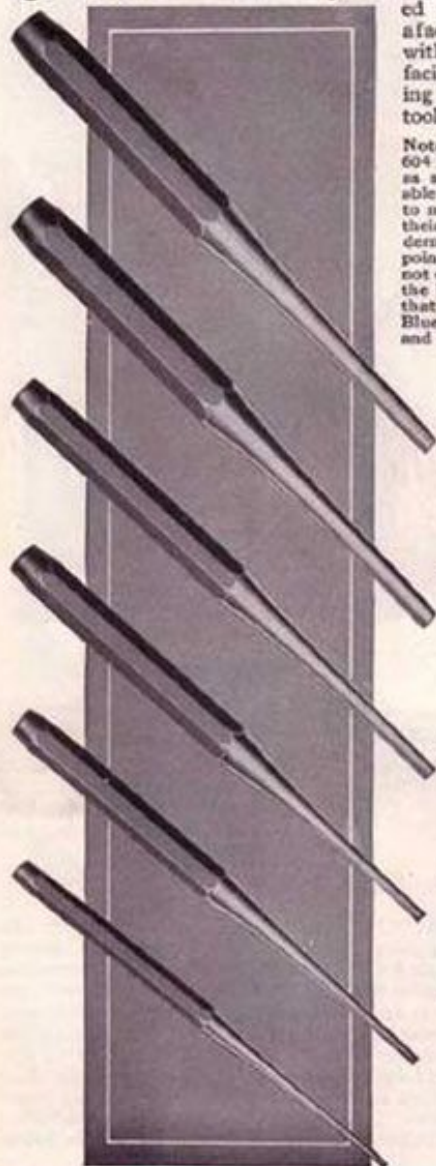
*Blue Point Quality Will Repay You*

# Blue Point Pin Punches

**Q**UANTITY is given first place on the list of specifications for Blue Points. They are made by highly skilled

workmen in a factory equipped with every modern facility for turning out quality tools.

Note: Nos. 603 and 604 Pin Punches are as strong and durable as it is possible to make punches of their extreme slenderness and fine points, but we cannot offer them under the broad guarantee that applies to other Blue Point Punches and Chisels.



No. 610—

$\frac{3}{8}$ " Stock  
 $\frac{5}{16}$ " point  
 $7\frac{1}{2}$ " length  
Each...60c

No. 608—

$\frac{1}{2}$ " Stock  
 $\frac{3}{8}$ " point  
 $6\frac{1}{4}$ " length  
Each...45c

No. 606—

$\frac{1}{2}$ " Stock  
 $\frac{3}{16}$ " point  
 $6\frac{1}{2}$ " length  
Each...45c

No. 605—

$\frac{7}{16}$ " Stock  
 $\frac{5}{32}$ " point  
6" length  
Each...40c

No. 604—

$\frac{3}{4}$ " Stock  
 $\frac{1}{8}$ " point  
 $5\frac{1}{2}$ " length  
Each...40c

No. 603—

$\frac{5}{16}$ " Stock  
 $\frac{3}{32}$ " point  
5" length  
Each...35c

Swedish Steel

**BLUE POINTS**  
CHICAGO

Hammer Forged

## Blue Point Pin Punch Set



**THIS** set consists of one each of the six sizes of Pin Punches shown on page 42 opposite. It gives you an outfit of the finest Pin Punches you can buy in the variety of sizes every good mechanic needs and wants.

No. P-6—Pin Punch Set, tools only..\$2.65  
Leatherette Kit......30  
Set Complete.....\$2.95



## Vest Pocket Chisel and Punch Set

**THIS** nifty little set gives you some handy midget size tools for your regular work as well as for radio and many small electrical jobs. You will find it very useful.

No. VP. Set consisting of:  
4 punches,  $\frac{1}{4}$ " octagon stock, 4" length, in different styles and sizes of points. 1 Flat Chisel,  $\frac{1}{4}$ " octagon stock,  $\frac{5}{16}$ " edge, 4" length.  
In leatherette kit.....\$1.65

*Buy Sets—Have the Right Tool for Every Job*



## Long Tapered Punches

**B**LUE Point Punches, like the chisels, are hammer forged from Swedish tool steel, ground and heat treated in the same careful and painstaking way. You will appreciate their quality and finish.



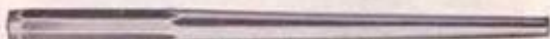
No. 905— $3/8$ " Stock,  $5/32$ " point,  $8$ " length. Each.....50c



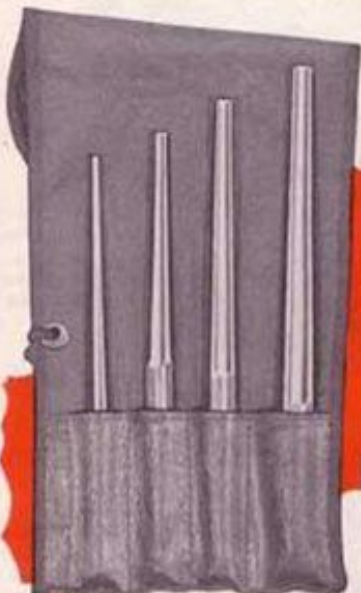
No. 908— $7/16$ " Stock,  $3/16$ " point,  $8\frac{1}{2}$ " length. Each.....55c



No. 910— $1/2$ " Stock,  $1/4$ " point,  $9$ " length. Each.....65c



No. 912— $5/8$ " Stock,  $5/16$ " point,  $9\frac{1}{2}$ " length. Each.....75c



### Long Tapered Punch Set

One each of the above four punches put up in a strong leatherette kit.

No. L.T.P.—4 Set  
Tools Only...\$2.45  
Leatherette  
Kit..... .30  
Com. Set....\$2.75

## Guarantee—Chisels and Punches

**E**VERY Blue Point Chisel and Punch is tested under rigid instructions to reject for the slightest visible defect. We will replace any tool, that in the reasonable usage for which it was designed, proves defective in workmanship or material, provided that claim for replacement be made within thirty days from date of purchase and is accompanied by the guarantee certificate and invoice.

*Net Trade Prices Quoted on All Tools*

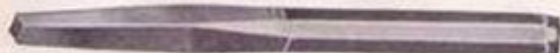
## Blue Point Specials

Useful tools you should have in your outfit

### Diamond Point Chisels



No. 19— $\frac{3}{8}$ " stock,  $\frac{1}{8}$ " point,  $5\frac{1}{2}$ " length..... Each 45c



No. 15— $\frac{1}{2}$ " stock,  $\frac{1}{4}$ " point,  $6\frac{1}{4}$ " length..... Each 50c

### Cape Chisels

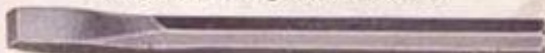


No. 13— $\frac{1}{2}$ " stock,  $\frac{1}{4}$ " edge, 6" length..... Each 55c



No. 14— $\frac{5}{8}$ " stock,  $\frac{5}{16}$ " edge, 6" length..... Each 55c

### Rivet and Ring Gear Busters



No. RB-10—Rivet Buster— $\frac{3}{4}$ " stock,  $\frac{3}{4}$ " edge, 10" length..... Each 90c

No. RG-10—Ring Gear Buster— $\frac{5}{8}$ " stock,  $\frac{1}{2}$ " edge,  $2 \times \frac{3}{4}$ " angle, 10" length..... Each 90c

### Center Punch



No. 4-C— $\frac{1}{2}$ " stock, 5" length..... Each 45c

### Lining Up Punch



No. 1216— $\frac{1}{2}$ " stock, 12" length..... Each 85c

### Pinch or Jimmy Bars



No. 1112— $\frac{7}{16}$ " octagon stock,  $1\frac{1}{2}$ " edge, 11" length  
Each..... 85c

No. 1658— $\frac{1}{4}$ " octagon stock,  $\frac{5}{8}$ " edge, 16" length  
Each..... \$1.25

**Special Note!** Chisels and punches, if made too hard, will break. If made too soft, they will flatten over. Blue Points are tempered medium to give long service for all around work. No good mechanic will abuse tools of this kind and expect them to stand up.

*Better Design, Longer Life—Blue Points*

## Chisel and Punch Sets

**T**HERE are several big advantages in owning a Blue Point Chisel and Punch Set. You have a complete outfit of high quality, from one factory, bearing one guarantee, put up in a neat kit bag which holds each tool in its proper place where you can quickly get it when needed. The kit makes it easy to check up your tools and prevent loss, and it also protects them when not in use.



### No. S. R.-16 Set

Consists of one each of the following tools:

Nos. 13 and 14 Cape Chisels (See page 47).

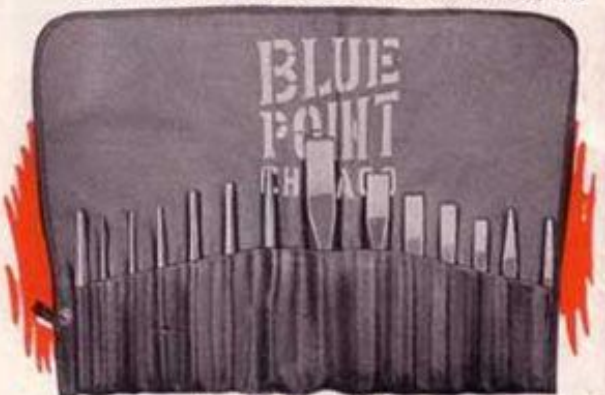
Nos. 15 and 19 Diamond Point Chisels (See page 47).

Nos. 812 to 828 Flat Chisels (See page 42).

Nos. 603 to 610 Pin Punches (See page 44).

No. 4-C—Center Punch (See page 47).

Tools Only .....	\$ 7.80
Leatherette Kit .....	.60
Complete Set .....	\$ 8.40



### No. S. R.-14 Set

Consisting of one each of the following tools:

5 sizes of Flat Chisels Nos. 812 to 828 (See page 42).

6 sizes of Pin Punches Nos. 603 to 610 (See page 44).

No. 4-C Center Punch; No. 13 Cape Chisel and No. 19 Diamond Point Chisel (See page 47).

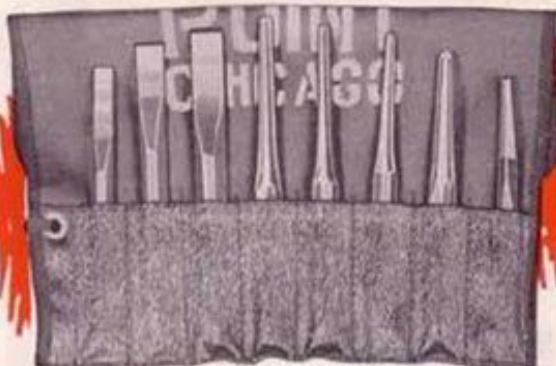
Tools Only .....	\$ 6.75
Leather Kit .....	.60
Complete Set .....	\$ 7.35

*Remember—These Are Net Trade Prices*



## Selected Blue Point Sets

**T**HESE sets were made up according to direct requests we have received in calling upon mechanics in all sections of the country. You will find that each set, according to its size, represents the most useful selection of tools for all-around work. It gives you a uniform outfit of dependable tools instead of a haphazard collection from this factory and that. You will appreciate their increased efficiency and long life of service.



### No. J-8 Set

*One each of the following tools:*

Nos. 812, 816 and 820 Flat Chisels (See page 42).	
Nos. 603, 606 and 608 Pin Punches (See page 44).	
No. 4-C Center Punch and No. 19 Diamond Point Chisel (See page 47).	
Tools Only.....	\$3.55
Leatherette Kit.....	.49
Complete.....	\$3.95



### No. J-10 Set

*Consists of one each of the following tools:*

Nos. 812, 816, 820 and 824 Flat Chisels (See page 42).	
Nos. 603, 604, 605, 606, 608 and 610 Pin Punches (See page 44).	
Tools Only.....	\$4.55
Leatherette Kit.....	.45
Complete.....	\$5.00

*The Blue Point Trade Mark Is a Sign of Quality*

# Blue Point Screw Drivers

Blades forged from high carbon, Chrome Vanadium, alloy tool steel, carefully heat treated to give maximum strength and resiliency and accurately milled to standard gauges. Extra thick ferrules, machined from solid bar steel, reinforced with a solid steel striking block. Large hardwood handles, deeply fluted by a milling process fashioned to give a firm, comfortable grip.

Rounded cap or striking head on end of handle turned from special analysis steel and heat treated to withstand hammer blows. Butt end of blade extends through handle and is fitted into striking head under heavy pressure, making the tool as strong as if made from one solid piece of steel.

Note the hump formation on the blade where it enters the ferrule, providing a broad shoulder which fits tightly against the ferrule. The ferrule, in turn, fits securely against the shoulder of the wood handle back of the tang. Need never worry about ferrule coming off or handle splitting. With these construction features,

Blue Points are, in fact, super-quality screw drivers and built for mechanics who want the best.



181  $\frac{1}{2}$  142  
181  $\frac{1}{2}$ —Blade  
1  $\frac{1}{2}$ " long,  $\frac{1}{4}$ "  
stock.  
Each... 25c  
142 — Blade  
2" long,  $\frac{1}{4}$ "  
stock.  
Each... 45c  
3168 — Blade  
8" long,  $\frac{1}{4}$ "  
stock.  
Each... 60c

3168

No.	Blade Length	Blade Edge	Stock	Each
4	4"	.25"	$\frac{1}{4}$ "	\$0.95
6	6"	.312"	$\frac{3}{8}$ "	1.25
8	8"	.375"	$\frac{7}{8}$ "	1.50
12	12"	.437"	1"	1.85
18	18"	.5"	1 $\frac{1}{2}$ "	2.75

## Drivers for Electrical Work No. 18

The small screw drivers at the left are designed for carburetor and ignition work and other jobs in close places. The long driver with extremely slender blade, is for generator and other electrical work.

## Blue Point General Purpose Screw Drivers



Drivers of exceptional strength and utility. Blade extends clear through handle to an enlarged hexagon butt, can't turn in handle. Ferrule riveted through handle and blade. Octagon stock, special tool steel, heat treated.

X- 144—Blade $\frac{1}{4}$ " wide, 4" long.	Each	\$0.55
X-5166—Blade $\frac{1}{4}$ " wide, 6" long.	Each	.70
X- 388—Blade $\frac{1}{4}$ " wide, 8" long.	Each	.90

Look for the name **Snap-on** on handles and sockets

## Snap-On Wheel Pullers

**I**N answer to a constant demand from Snap-On users for wheel pullers that are efficient and simple in operation, we now offer these new Snap-On wheel pulling units.



These pullers operate on the shock principle. All that is necessary in order to do a quick, clean wheel-pulling job with a Snap-On puller, after taking off the hub cap and nut, is to screw the unit tightly onto the axle shaft and jack up the opposite wheel. Then take an ordinary ball pein hammer and give it a good, smart blow on the head and the wheel is loosened. There is nothing to get out of order in these sturdy units. They work and work right on all the popular makes of cars.

Note these new, improved features:

1. The thread-chasing device, consisting of the two milled grooves across the threaded opening. If the axle shaft is barred up or the threads battered this thread-chaser will re-condition the threads as you screw the puller on. Note the end view of the tool in the opposite diagram.
2. The hexagon is so placed on the body of the tool that a standard Snap-On socket of the proper size can be used with sliding bar in running it on or off the axle shaft. This insures leverage enough to properly tighten the puller in order to prevent stripping the threads.
3. The pilot head is designed so that it will not mushroom or split.
4. The pilot has a  $\frac{1}{8}$ " play or movement, which enables you to pull any wheel easily. You can see from the opposite diagram how the pilot travels.
5. Snap-On Wheel Pullers are made of a special alloy steel and carefully heat treated to give them great strength and toughness. With proper use they will stand up and give you long and dependable service.



### Made in the Following Sizes:

WP-20—Thread size $\frac{1}{4}$ "	Each.....	\$1.25
WP-24—Thread size $\frac{3}{8}$ "	Each.....	1.35
WP-28—Thread size $\frac{1}{2}$ "	Each.....	1.45
WP-32—Thread size 1"	Each.....	1.55
WP-36—Thread size $1\frac{1}{4}$ "	Each.....	1.75

*Your Mail Orders Will Receive Prompt Attention*



Better Design

**BLUE POINTS**  
 CHICAGO

Longer Life

# Blue Point Gear Pullers



**NEW**, improved type of gear pullers that work on the center screw principle. A safety plunger with an anvil head extends through the screw. When the puller is adjusted tightly on a job the pivot of the anvil is centered on the shaft and the plunger has about  $\frac{1}{4}$ " of play. Gears can thus be shocked loose with hammer blows without burring shaft ends or stripping the threads of the puller screw.

Work on more jobs than any other gear pullers made. Simple in action and easily applied.

## Complete Set, No. A-1

Contains 14 units, providing both 2-way and 3-way hook-ups which cover an almost universal range of service uses in general garage repair work.



## Contents of Set No. A-1

Screw assembly with adjusting nut and wire wrench, 2-way yoke, 3-way yoke, 3 rim hooks, 3 button hooks, 2 claw hooks and retention band. The phantom view above shows how all three styles of hooks can be used on the 2-way yoke. Tools only, \$17.40 With GP-10 heavy metal case, 19.15

## Gear Puller Parts

Any part may be replaced at the unit price given. Made of electric furnace tool steel, carefully heat treated. Every part accurately made in order to produce tools of precision and great strength.

No.	Each
10-1 Screw Assembly	\$4.35
10-2 2-Way Yoke	1.65
10-3 3-Way Yoke	2.45
10-4 Adjustable Nut with Wire Wrench	2.15
10-5 Rim Hooks	.90
10-6 Button Hooks	.75
10-7 Claw Hooks	.60
10-8 Retention Band	.65

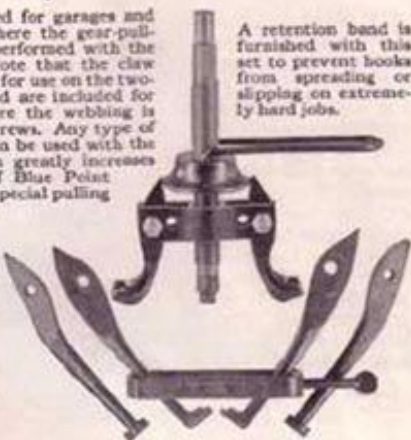


*Good Tools Are the Mechanic's Stock in Trade*

## Two-Way Gear Puller Set

This set is designed for garages and service stations where the gear-pulling work can be performed with the two-way yoke. Note that the claw hooks are designed for use on the two-way yoke only and are included for use on gears where the webbing is tapped for cap screws. Any type of small cap screw can be used with the claw hooks, which greatly increases the application of Blue Point pullers to various special pulling jobs.

**Two - Way Set No. A-2**—Consisting of 11 units: Screw assembly, adjusting nut with wire wrench, 2-way yoke, 2 rim hooks, 2 button hooks, 2 claw hooks and retention band. Tools only \$13.30  
With GP-10 metal case... \$15.05



A retention band is furnished with this set to prevent hooks from spreading or slipping on extremely hard jobs.

## Three-Way Gear Puller Set

This set offers a powerful gear-pulling outfit for shops where a three-way hook-up is best adapted for the general run of work.

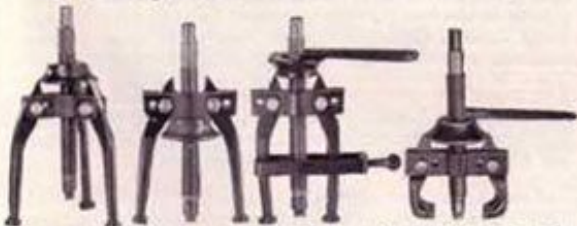
**No. A-3**—Consisting of 10 units: Screw assembly, adjusting nut with wire wrench, three-way yoke, 3 rim hooks, 3 button hooks. Tools only,

..... \$13.90

With GP-10 metal case  
..... \$15.65



## Showing Various Other Hook-Ups



Note that the nut can be assembled either above or below the yoke with button hooks, where an expansion type of puller is required. Hooks can be assembled in either the outer or inner holes on yoke, depending upon the spread required for the job.

*Good Tools Are Your Stock in Trade*

## Blue Point Valve Grinder

**U**NDoubtedly the fastest, sturdiest, smoothest operating tool of its kind ever invented. If you have had experience with other makes of grinders, examine the Blue Point, note its construction features—try it—and you will say that it is just the kind of a tool you've been looking for.



*The blade never stops at the same place—it travels.*

You will see from the construction of the gears that the teeth on the plate revolve as the crank is turned, engaging first the shaft pinion at the top, then the shaft pinion at the bottom—they are set so as to turn the shaft three times forward and three times backward in rapid oscillating motion to each single revolution of the crank.

The gears are not the ordinary stamped kind—they are real cut gears, made of high-grade, non-wearing bronze. The bearings are also of non-wearing bronze. Ball bearing thrust—smooth and easy running.

The remarkable construction features of the Blue Point Valve Grinder make it a real mechanic's tool that will stand up in shop use and last indefinitely.

Dark blue duco-enamel finish. Each \$3.85

*The Blue Point Name Is Quality Insurance*



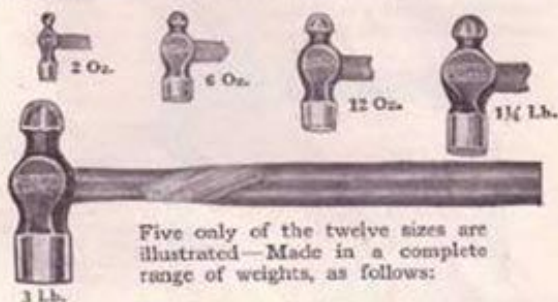
Better Design


**BLUE POINTS**

Longer Life

## Blue Point Ball Pein Hammers

**STRICTLY** a quality line of hammers, correctly designed and balanced, heat treated just right to make them the most serviceable for all around work, handsome blue finish. The handles are made of selected second growth, well seasoned hickory, carefully turned so that the grain runs full length of handle to give maximum strength and resiliency, securely anchored in the heads.



Five only of the twelve sizes are illustrated—Made in a complete range of weights, as follows:

No.	Weight	Price	No.	Weight	Price
7-0	2 Oz.	\$1.30	1	1 1/4 Lbs.	\$1.45
5-0	4 Oz.	1.30	2	1 1/2 Lbs.	1.55
4-0	6 Oz.	1.30	3	1 3/4 Lbs.	1.70
3-0	8 Oz.	1.30	4	2 Lbs.	1.75
2-0	12 Oz.	1.30	5	2 1/2 Lbs.	2.05
0	1 Lb.	1.35	6	3 Lbs.	2.35

## Blue Point Feeler Gauge

**THIS** is a strictly high-grade ten-blade tappet feeler gauge of tested accuracy and is as low in price as any eight-blade gauge of equal quality and size. The blades

are four inches long and one-half inch wide, made of the finest imported ultra superior Swedish Tempered Steel.



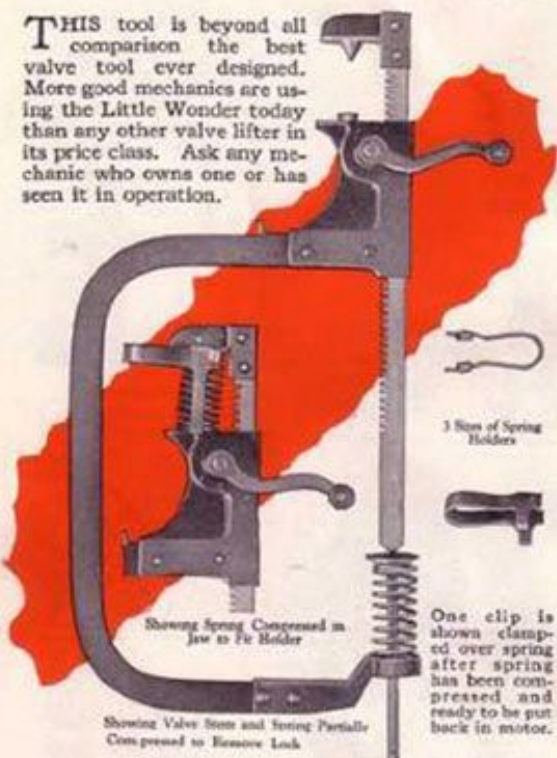
Price Each.....\$1.60

Note that it has one thinner blade than similar gauges—the .0015, for extra fine adjustments and one thicker .018, for truck tappets.

*All Prices Quoted Are Net to the Trade*

## Little Wonder Valve Tool

THIS tool is beyond all comparison the best valve tool ever designed. More good mechanics are using the Little Wonder today than any other valve lifter in its price class. Ask any mechanic who owns one or has seen it in operation.



These are the principal features of the Little Wonder which appeal to every mechanic:

1. Adaptability to practically all cars and trucks.
2. Positive vertical lift. Locks at any desired point.
3. Jaws of spring steel, adjust to any size valve spring.
4. Jaws exceptionally thin. When it is impossible to get under spring, jaws

- will fit into any coil so that spring can be compressed and valve pin removed.
5. Compensating feature when you are ready to put spring back in motor.
6. Lifter large enough to clear exhaust manifold so that you can get to all springs without having to remove manifold, etc.

Little Wonder, complete with 3 spring holders. Each	\$7.50
Extra spring holders. Set of 3.....	1.35
Extra pair of jaws with rivets.....	1.00
Little Wonder with special jaws for Dodge 6.....	7.75
Extra pair of jaws with rivets for Dodge 6.....	1.25
Little Wonder with special extra heavy jaws for Cadillac, etc.....	8.00
Extra pair of jaws with rivets for Cadillac.....	1.50
Special Little Wonder, for Mack Truck. Each.....	8.50

*Tool Users Appreciate Our Specialized Service*

## Vacuum Grip Pliers

**THEY** are forged from Special Electric Furnace Tool Steel and Swedish Steel for certain numbers, individually hardened and tempered in oil — not case hardened. Three distinct hardening operations — handles, joints and jaws. Close-fitting, smooth riding joints; sharp and uniform teeth with maximum gripping capacity; cutting edges hand-filed, sharp and accurately matched. They will stand up under the severest strain without springing the jaws. Heavily nicked over copper plate and highly polished. Guaranteed without restriction to give satisfactory service.



No. 597—Special Valve Pin Plier. Matched grooves in jaws for tight grip on any size of pin; also cross milled groove. Very useful for other hard-to-reach jobs in addition to valve pins. Each...\$2.50



Nos.  
96  
and  
196

No. 96 Needle Nose  
— Without wire  
cutter, 6".  
Each.....\$1.50

No. 196—With wire  
cutter, 6".  
Each.....\$1.55



Nos.  
97 and 197

No. 97 Needle Nose  
— Fashioned han-  
dle, without wire  
cutter, 7".  
Each.....\$2.00

No. 197—Fashion-  
ed handle, with  
wire cutter, 7".  
Each.....\$2.50



Nos.  
47 and 49

No. 47 Adjustable  
Side Joint—Heavy  
duty pattern, 7".  
Each.....\$1.50

No. 49 — Heavy  
duty pattern, 9".  
Each.....\$2.25

*Super-Quality Tools of a Thousand Uses*



## Vacuum Grip Pliers---Continued



No. 137



No. 65



No. 27

No. 137—Linemen's plier handles, adjustable side joint, side cutter, 7".

Each.....\$2.00

No. 36—Same as No. 137, without wire cutter, 5". Each \$1.75

No. 65—Thin nose, adjustable side joint, wire cutter, 5". Each.....\$1.50

No. 27—Special long thin nose and teeth, adjustable side joint, 7". Each.....\$1.75



No. 86

No. 87

### Diagonal Cutters

No. 86—Length, 6". Each. \$2.00

No. 87—Length, 7". Each. \$2.50

### Line-men's Pliers

Full Polished

No. 56-6" \$2.25

No. 57-7" \$2.75

No. 58-8 1/2" \$3.50



No. 56

No. 57

No. 58

Built to the Highest and Closest Standards

## Vacuum Grip Pliers

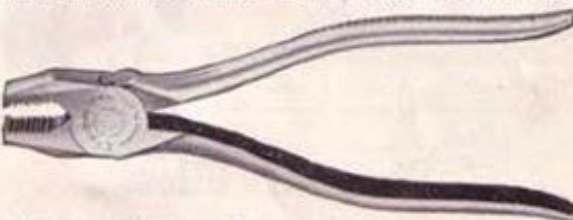
THE standard of materials, workmanship and precision established for Vacuum Grip Pliers are the highest and closest standards physically possible. Comparative tests will prove to you that they are so far superior to other makes that they are in a quality class by themselves.



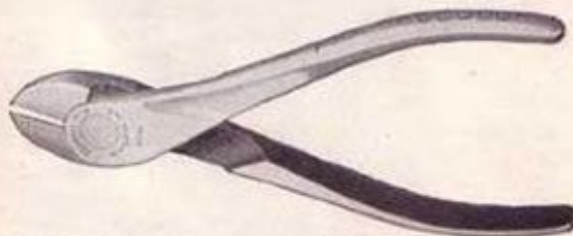
No. 17—End Cutting Nippers, 7" length. Each.....\$1.90



No. 497—Bent Needle Nose Pliers. Note that they have an extra long reach, with a  $22\frac{1}{4}$  degree angle, 7" length. Each....\$2.25



No. 7—Special Battery Pliers—a tool every man needs who has anything to do with installing batteries. Grips the nuts perfectly. 7" length. Each.....\$1.50

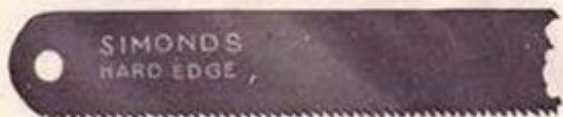


No. 386—Diagonal cutters, heavy duty pattern, 6" length. Each.....\$1.65

*You Can Depend Upon an Authorized Snap-On Salesman*

## Simonds Hack Saws

**OUT-CUT** and Out-Last any ordinary blades you can buy. Flexible back, with hard cutting edge. These styles are best adapted for your general run of work.



18 teeth to the inch, for cutting tool steel, iron pipe, hard metals and light angle iron.



32 teeth to the inch, for cutting thin tubes, sheet metals and the like.

No. 10 Assortment—10" blades, 12 coarse and 12 fine. 24 blades..... \$1.70

No. 12 Assortment—12" blades, 12 coarse and 12 fine. 24 blades..... \$2.00



Hack saw frame, pistol grip, correctly designed, well made—the most popular frame on the market. Each..... \$2.25

## Simonds Files

Known to good mechanics everywhere as the highest quality files made.



Three styles in popular demand by the garage trade.

Mill Bastard		Round Bastard		Half Round Bastard	
Lgth.	Each	Lgth.	Each	Lgth.	Each
6"	30c	6"	30c	6"	50c
8"	35c	8"	35c	10"	75c
10"	45c	10"	45c		
12"	60c	12"	60c		
14"	90c	14"	90c		

*Our Tools Sell on Quality and Performance*



Recommended by Motor Tool Specialty Company

# Snap-On Mechanikit

Built Like a House for Strength



Heavy Catches

Heavy Yale Lock

**D**ESIGNED by an expert mechanic who knows from experience the kind of tool box a good mechanic wants. No other box of its size can compare with the Mechanikit for convenience, rugged strength and lasting qualities. Weighs twenty pounds, made of eighteen gauge heavy sheet steel, lid gable shaped to give extra strength and additional room, corners heavily reinforced, size 21" x 10 1/2" x 8 1/2".



Note the Heavy Yale lock and heavy end catches

No. K-1 Mechanikit—Complete with tray, the strongest box for its purpose ever built. Each.....\$7.75

No. KT-1—Tray only. Each.....\$2.25



An actual photograph showing the Mechanikit holding up a big Jordan without denting the lid or injuring the box in any way. Real proof of its tremendous strength.

Our Tools Sell on Quality and Performance

Page Sixty-One

Made Exclusively for Motor Tool Specialty Company

## Motor Tool Truck

Strong as a Treasure Chest

**W**ORTH double its price to any high-grade mechanic who has a lot of hard-earned money invested in fine tool equipment.

This massive chest not only provides absolute protection for a large collection of tools, but is an efficient working unit on the floor. Big ball bearing truck wheels make it easy to roll right to the job when loaded to the limit. Correct compartments hold tools within quick reach—no fumbling for the needed tool.



30 $\frac{1}{4}$ " Long  
19" High  
12 $\frac{1}{4}$ " Wide

Baked on black enamel finish.



Note its heavy, full riveted construction—weighs almost a hundred pounds. Front and top of thick, 12-gauge sheet steel; other parts of 14 and 16-gauge. Six big, heavy steel hinges, studded with rivets; sturdy hasp of 5/32" steel that locks both the lid and drawer — only one padlock needed. Lid folds over the back and out of the way when open.

Net Each . . . \$29.75

*Good Tools Deserve to be Protected*

## "Handy Man" Tool Holder



**B**RINGS your tools right to where you are working, rolling freely on large roller bearing, swivel casters. The three trays hold a big variety of tools and the drawer makes a safe place to keep smaller and less frequently used tools. By means of a double catch you can lock both the top tray and drawer back with a single lock.

Sturdy construction. The top tray 3" deep, the drawer 20"x12"x4", designed so that it will not sag or bind under any load put into it. Angle steel legs 1½"x1½"x½". Over all dimensions of Holder 18"x24"x34". Finished in durable black enamel. The "Handy Man" will

soon pay for itself by saving your time and saving your tools. Price Each, F. O. B. Aurora, Ill. .... \$13.65

## Zowie Hand Soap Tabs

**F**OR hands that will pass the dinner table inspection after a hard day's work, use Zowie. Removes ground-in grease and dirt like lightening and leaves your hands feeling fine. Made of pure soap, with glycerine and other healing ingredients, combined with a mild abrasive of cereals and hard wood fiber.

### Special Introductory Offer

One carton of 12 tubes of Zowie, Special, for \$1.00, including Tube Holder Free.

### Special Case Lot Price

To the garage and industrial trade. Full case lots. Per case ..... \$9.60

### Prices

Tube of 40 tabs \$ .10

Carton of 12 tubes ..... 1.20

Case of 144 tubes... 14.44

White enameled tube holder  
Each 10c



*All Prices Quoted Are Net to the Trade*



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# Motor Tool Specialty Co.

General Offices

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Chicago, Illinois

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Los Angeles, Calif., 450 Venice Blvd.	Toledo, Ohio, 1439 Jackson St.

*Order From the Branch Nearest You*

TRADE MARK  
**Snap-on**  
INTERCHANGEABLE  
**Socket Wrenches**

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